

Prof. Dr. Alfred Toth

**Verdünnung und
Poly-Synthese.**

**Zu einer Semiotik des
Fragmentarischen.**

Das "Noch" will das Bewusstsein nicht aus seiner
Vergangenheit entlassen.

Gotthard Günther (1976-80, Bd. III, S. 290)

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Vorwort

Aus Benses "semiotischem Erhaltungssatz", der besagt, "dass man im Prinzip nur die Realität bzw. die Realitätsverhältnisse metasemiotisch zu präsentieren vermag, die man semiotisch zu repräsentieren vermag" (1981, S. 259), folgt, dass wir einerseits alles, was wir erkennen, in Zeichen erkennen und dass wir andererseits nur das erkennen, was wir in Zeichen erkennen. Da dieses "semiotisch-erkenntnistheoretische Äquivalenzprinzip" (Bense 1976, S. 15 f.) auf den Begriff der zeicheninternen Semiose als Zeichenprozess zwischen den triadisch-trichotomischen Korrelaten der abstrakten Zeichenrelation rekurriert, ist hiermit die semiotische Relevanz des Zeitbegriffs impliziert, der sich jedoch im Rahmen der Theoretischen Semiotik bisher nicht formalisieren lässt.

Wenn aber unsere gesamte Erkenntnis in Zeichen stattfindet, wie sollen wir dann anders als mittels eines semiotischen Zeitbegriffs den semiosischen Prozess zwischen Systemen und ihren durch die Zeit fragmentierten Teilen bestimmen können? Die Zeit verändert organische und anorganische Objekte, und weil wir diese nur als Zeichen wahrnehmen, muss unsere Abschätzung ihrer Veränderung ebenfalls mittels Zeichen ablaufen. Da sich das Alter eines Objekts als Differenz Δt zwischen einem Jetztzustand t_1 und dem rekonstruierten Anfangszustand t_0 bemisst, sind wir also imstande, das Alter durch Vergleich des noch nicht fragmentierten Objektes mit seiner gegenwärtigen Erscheinung zu bestimmen. Da aber die hypostasierte Erscheinung zum Zeitpunkt t_0 das Δt bereits voraussetzt, haben wir hier ein semiotisches Zeitparadox vor uns.

Zeit verändert, wie angedeutet, nicht nur Menschen, sondern auch Tiere und Pflanzen sowie Dinge. Deren Sein führt sie bei Organismen zum Tode, bei Sachen zur Zerstörung und bei Information zum Verschwinden. Da wir das System aus seinen Fragmenten rekonstruieren können, lässt sich in Umkehrung eines bekannten Satzes sagen: "Das Kleine ist nicht immer kleiner als das Ganze", sondern zusätzlich durch "Seinsvermehrung" (Bense 1992, S. 16) ergänzt. Und erst von hieraus aus ergibt sich also semiotisch gesehen der Bezug zur Ästhetik, innerhalb derer in den letzten Jahren das Verhältnis von System und Fragment im Rahmen einer "Ästhetik des Fragmentarischen" oft diskutiert wurde. Fragmente sind also gerade deshalb überhaupt feststellbar, weil die Zeit indirekt, nämlich als Auswirkung auf sie, erkennbar ist, was üblicherweise mit der Metapher vom "Zahn der Zeit" ausgedrückt wird (Dekkers 1999). Wenn wir uns nun aber fragen, wie wir trotz des semiotischen Zeitparadoxes einen objektalen Anfangszustand rekonstruieren können, dann kommen wir gezwungenermaßen zum Schluss, dass das Fragment zum Ganzen und das Ganze zu seinen Teilen selbstähnlich sind, dass also die Zirkularität in der semiotischen Repräsentation aufgelöst sein muss. Wir können also Fragmente und Systeme aus einander rekonstruieren, weil unsere Wahrnehmung mathematisch gesprochen auf Fraktalen und semiotisch gesprochen auf der die Selbstähnlichkeit repräsentierenden Eigenrealität der Zeichenobjekte basiert.

Die Eigenrealität der Zeichen ihrerseits basiert auf dem "Prinzip der autoreflexiven Selbstreproduzierbarkeit der Zeichen" (Bense 1976, S. 163 f.), und mittels dieses Prinzips ist es möglich, eine semiotische Morphogenetik zu rekonstruieren (Toth 2007d). Hat man also ein

Modell wie der im Toth (2007d) benutzte “Allgemeine semiotische Raum”, dann ist es möglich, die in der präsentierenden Realität von statischen und dynamischen Objekten aufscheinenden Phänomene von Selbstähnlichkeit auf die ihnen zugrunde liegenden eigenrealen, autoreproduktiven und semiomorphogenetischen Semiosen zurückzuführen und damit einen semiotischen Zeitbegriff zu gewinnen. Das oben erwähnte Zeitparadox ist, wie bereits gesagt, durch die im Zeichenbegriff inhärierende Zirkularität der eigenrealen Zeichenklasse aufgelöst.

In der vorliegenden Arbeit werde ich ein neues semiotisches Analysemodell vorstellen, das auf den von Elisabeth Walther entdeckten “Trichotomischen Triaden” basiert (Walther 1981, 1982), da dieses wegen der total 1647 möglichen Kombinationen weitaus mächtiger ist als der in Toth (1997) eingeführte und in Toth (2007d) angewandte “Allgemeine semiotische Raum”. Mittels des Vollständigen Modells der Trichotomischen Triaden ist es möglich, alle denkbaren Formen der semiotischen Repräsentation von Systemen und Fragmenten und dadurch den hiermit implizierten semiotischen Zeitbegriff zu messen, indem als “System” der maximale semiotische Repräsentationsraum bestimmt wird, welcher durch die als Vektoren aufgefassten 9 Realitätsthematiken der 3 Trichotomischen Triaden je 1647 Repräsentationsschemata aufgespannt wird und aus dem sich die 1647 möglichen als “Fragmente” bestimmten semiotischen Teilrepräsentation des maximalen Repräsentationsraums definieren lassen. Das vollständige Modell aller möglichen Kombinationen von Trichotomischen Triaden ist das bisher mächtigste semiotische Analysemodell und daher am besten dazu geeignet, die von Bense definierte semiotische Erhaltung als Differenzmengenbildung zum maximalen semiotischen Repräsentationsraum strukturell mittels kategoriethoretischer Semiotik und masstheoretisch mittels Repräsentationswerten zu berechnen.

Dass sich von dem hier vorgestellten semiotischen Analysemodell her neben der bekannten Heideggerschen Ontologie des Todes zusätzlich Ansätze zu einer “Ontologie der Zerstörbarkeit” (für anorganische Objekte) und einer “Ontologie des Verschwindens” (für informationelle “Objekte”) ergibt, sei hier nur angedeutet.

Tucson, AZ, 13. Januar 2008

Prof. Dr. Alfred Toth

1. Einleitung

1.1. Verdünnung und Poly-Affinität

In seinem späten Gedichtband „Nacht-Euklidische Verstecke“ hat Max Bense ein merkwürdiges Gedicht veröffentlicht, betitelt „Hadamards ‚Vergiss-Funktoren““ (Bense 1988, S. 12), zu dem es bisher zwei Interpretationen gibt (Toth 1989, Nees 1998) und dessen Schlusstrophe lautet:

Wo das Denken tiefer atmet
und der Weitblick nun durchs Fenster fällt
und wo Hadamards Vergiss-Funktoren
unsrer Höhlen Schattenmale preist:

Denn Liebe ist die Zahl, die Einheit heisst.

**Nees' Interpretation lautet:
„Der Dichter macht
bewusst, dass Hadamards
Funktorkanal ein Kanal ist, ein
Kabel, das zwar ‚nur‘ die
Schattenmale der Wörter
abliefern, jedoch mindestens
im Genuss des Weitblicks,
selbst während des**

notwendigen Verwehens
der Urbilder, den Duft der
archaischen Oberwelt nicht
vorenthält“. Nees’
Interpretation von
„Hadamards ‚Vergiss-
Funkturen““ im Lichte des
Platonischen
Höhlengleichnisses beruht
auf der Voraussetzung:
„Unser Problem besteht
darin, Bense keinen Typus
von Grund, Basis oder sogar
Transzendenz anzudienen,
dem er sich verschlossen
hätte“ (1988: 51). Und

niemand würde wohl etwas gegen diese Deutung einwenden, gäbe es da nicht noch ein anderes Gedicht von Bense (1985, S. 24):

Spekulatives Abenteuer

Die fürchterliche Vorstellung
der tiefsten Minuten meines Bewusstseins:
vor der unerbittlichen Kante
der Fläche des Verlassens.

Abenteuer zwischen Schritten und Wörtern
an der Küste
zwischen Gewesenem und Gewordenem.

Aber in der Ferne dort hinten
erkenne ich mich ganz als mich
am scharfen Schnitt eines Messers.

In einem früheren Gedichtband (Bense 1983a, S. 28) sprach Bense dann sogar ausdrücklich von der „Fortsetzung des Denkens in das Nichts“. Wir erinnern uns an einen berühmten Satz bei Gotthard Günther, dass man in einer polykontexturalen Logik den im Sein begonnenen Zählprozess „auch im Kontexturbereich des Nichts weiterführen könne“ (1975, S. 70). Da es klar ist, dass sowohl die Fortsetzung des Denkens als auch diejenige des Zählens in das Nichts in einer monokontexturalen Logik nicht beschreibbar, ja nicht einmal vorstellbar sind, ist Nees' Interpretation abzulehnen. Unsere Aufgabe ist es nun, die wirkliche logische, mathematische und semiotische Natur des Vergissfunktors zu zeigen, von dem Bense sprach.

Im selben Jahr, in dem Bense seinen Gedichtband „Das graue Rot der Poesie“ veröffentlichte und in welchem sich der bereits zitierte, für Bense höchst ungewöhnliche Satz von der „Fortsetzung des Denkens in das Nichts“ fand, veröffentlichte Bense sein theoretisches Buch „Das Universum der Zeichen“, und hier finden wir die ebenfalls bemerkenswerte Feststellung: „Man muss sich in diesem Zusammenhang auch vergegenwärtigen, dass jede Zeichenklasse bzw. Realitätsthematik vielfach bestimmend (polyrepräsentativ) ist, so dass, wenn eine bestimmte triadische Zeichenrelation [...] eines

gewissen vorgegebenen Sachverhaltes (z.B. des „Verkehrszeichens“) feststeht, auf die entsprechend äquivalente Zeichenrelation eines entsprechend affinen Sachverhaltes (z.B. der ‚Regel‘) geschlossen werden darf“ (Bense 1983b, S. 45).

Die Affinität eines vorgegebenen Objektes bzw. Sachverhaltes zu einem anderen vorgegebenen Objekt bzw. Sachverhalt verdankt sich also dadurch, dass die unendliche Fülle der vorgegebenen Objekte bzw. Sachverhalte dieser Welt im Dualsystem der zehn semiotischen Zeichenklassen bzw. Realitätsthematiken quasi „verdünnt“ wird. Erst durch diese ihre Verdünnungseigenschaft werden sie polyrepräsentativ. Das heisst aber nichts anderes, als dass durch diese Verdünnungseigenschaft von der Qualität dieser Objekte all das verloren geht, was über die Klassifikationsmöglichkeiten der zehn Zeichenklassen bzw. Realitätsthematiken hinausgeht: „Wir setzen damit einen eigentlichen (d.h. nicht-transzendentalen) Erkenntnisbegriff voraus, dessen wesentlicher Prozess darin besteht, faktisch zwischen (erkennbarer) ‚Welt‘ und (erkennendem) ‚Bewusstsein‘ zwar zu unterscheiden, aber dennoch eine reale triadische Relation, die ‚Erkenntnisrelation‘, herzustellen, die stets evidente (intuitiv-anschauliche), empirische (beobachtbare) und rationale (begrifflich konstruierbare) Anteile enthält“ (Bense 1976, S. 91). Entsprechend behauptet Bense, „dass Objektbegriffe nur hinsichtlich einer Zeichenklasse relevant sind und nur relativ zu dieser Zeichenklasse eine semiotische Realitätsthematik besitzen, die als ihr Realitätszusammenhang diskutierbar und beurteilbar ist“ (1976, S. 109).

Demgegenüber ist es aber höchst erstaunlich, dass in der gleichen Schule immer wieder behauptet wurde, die Semiotik stelle ein polykontexturales System dar. So schrieb etwa Bense: „Vielleicht erweist sich G. Günthers Versuch, eine echte nicht-aristotelische, mehrwertige Logik aufzubauen, die die zweiwertige Semantik zwar voraussetzen kann, aber deren Wahrheitswerte unabhängig von den Werten wahr und falsch postuliert werden, als eine Logik nicht-dyadischer Semantik im Übergang zu einer semiotischen Repräsentationssemantik, besonders weil sie als transklassische Reflexionsthematik intendiert ist“ (1976, S. 52). „Jede Struktur, jeder Strukturalismus kann als dyadisches Relationsschema zwar als ein formales, deskriptiv-klassifizierendes Realitäten-Schema fungieren, wie es den im Güntherschen Sinne klassischen, ‚monokontexturalen‘ Ontologien [...] entspricht, aber nicht als intensionales, induktiv-generierendes Schema einer realitätsthematischen Repräsentation, wie das der (wieder im Güntherschen Sinne ‚polykontexturalen‘) transklassischen, repräsentationstheoretischen und fundamentalkategorialen Ontologie und ihrer Peirceschen Semiotik triadischer Zeichenrelationen und ihren realitätsthematischen Trichotomien angemessen ist“ (1983b, S. 86). Noch direkter sagt es Udo Bayer: „Eine Analogie zu Günthers Reflexionstheorie fällt ins Auge: Er unterscheidet zwischen der zweiwertigen Reflexion, in der das Seiende als Bewusstseinsfremdes erlebt wird, und der Reflexion des Bewusstseins auf sich selbst als Gegensatz zu diesem Sein. Setzen wir nun statt ‚Reflexion‘ ‚Repräsentation‘ ein, so gewinnen wir die Unterscheidung zwischen der Repräsentation eines anderen und der Repräsentation der Repräsentation selbst in der semiotischen Reflexion, also der Reflexion auf das Zeichen selbst“ (1994, S. 24).

Bense selbst behauptet also zum Beispiel im gleichen Buch (1976) zum einen, dass der Objektbegriff nur hinsichtlich einer Zeichenklasse relevant sei und zum andern, dass die Semiotik transklassisch im Sinne Günthers, d.h. polykontextural sei. Letzteres widerspricht aber der bereits zitierten Feststellung, dass die Zeichenklasse mit dem Subjekt, die Realitäts-

thematik mit dem Objekt korrespondiert und der Zeichenbegriff also monokontextural-klassisch ist. Nun ist es jedermann klar, dass es kein philosophisches System geben kann, das gleichzeitig nicht-transzendental und transzendental, monokontextural und polykontextural, zweiwertig und mehrwertig, kurz: klassisch und transklassisch ist. Da Bense und Günther jahrzehntelang miteinander befreundet waren, ist es auch wissenschaftshistorisch nicht unnützlich, diesem Widerspruch hier nachzugehen.

Der Schlüsselsatz findet sich in Bense (1975, S. 22): „Die semiotische Denkweise ist keine strukturelle“, denn die Dichotomie von Semiotik und Struktur ist ein Schibboleth für Monokontexturalität (vgl. Kronthaler 1992, S. 294). Doch auch die Triadizität der Semiotik enthüllt bei genauerem Besehen deren Monokontexturalität. So stellte Günther fest: „Das wirft auch ein Licht des Verständnisses auf die Reduktionslehre von Charles S. Peirce, gemäss der alle höheren polyadischen Relationen formal auf Triaden reduzierbar seien, aber ihrerseits nicht auf Dyadik und Monadik zurückgeführt werden könnten. Peirce war sich sehr deutlich bewusst, dass die bisherigen klassischen Formalismen nicht mehr ausreichten. Andererseits war er aber kaum willig, den inhaltlichen Bereich unserer klassischen Weltanschauung zu verlassen. Also mussten sich alle wirklichkeitsbezogenen Denkkontentionen im Strukturbereich der Trinitätsvorstellung erfüllen lassen. In der Triade war das Diesseits als Zweiwertigkeit und das Absolute – designiert durch den dritten Wert – eingeschlossen. Alle über die Trinität hinausgehenden polyadischen Relationen mussten der Reduktion auf das Trinitätsprinzip fähig sein, denn ihnen entsprach ja nichts über den trinitarischen Gott hinaus liegendes Reales“ (1991: S. xxvi; vgl. auch 1978a, S. viiif. u. xii.).

Man stelle sich das vor: Nicht genug, dass Bense sich selbst widerspricht, indem er die Semiotik einerseits als monokontextural bestimmt und sie andererseits mit ausdrücklicher Bezugnahme auf Günther als polykontextural reklamiert: Jetzt wirft der studierte Religionswissenschaftler Günther dem dezidierten Atheisten Bense auch noch vor, das Peircesche triadische Reduktionsaxiom sei in Wirklichkeit ein trinitarisches (welches Peirce mit seinen existentiellen Graphen bloss formal legitimieren wollte)! Es ist leicht nachzuvollziehen, dass Bense hierauf ziemlich konsterniert in seiner Besprechung der 2. Auflage von Günthers Buch „Idee und Grundriss einer nicht-Aristotelischen Logik“ (Günther 1978b) reagierte: „Auch die im neuen ‚Vorwort zur 2. Auflage‘ enthaltene Bemerkung, dass die von Peirce eingeführte triadische Relation [...] zwar durchaus richtig den bisherigen klassischen Zweiwertigkeitsformalismus hinter sich lasse, aber inhaltlich der klassischen Ontologie verhaftet bleibe, ist nicht ganz richtig. Es ist schade, dass Günther im Rahmen seiner Peirce-Kritik die ontologische Rolle der Fundamentalkategorien übersehen hat, die, wie heute bekannt ist, eine zehnfach ausdifferenzierte Realitätsthematik ermöglichen, deren Inhalt nicht dyadisch, sondern triadisch postuliert werden muss“ (Bense 1980, o.S.).

Die Lösung der hier aufgezeigten Widersprüche ist fast unglaublich, wenn man bedenkt, dass Bense ohne Zweifel zu den bedeutendsten Philosophen des 20. Jahrhunderts zählte: Er verwechselt n-äre und n-adische Systeme: Auch wenn die Peircesche Semiotik triadisch ist, so ist sie dennoch binär (vgl. Toth 2007c, S. 170 ff.). Auch wenn die Peircesche Semiotik drei Werte hat anstatt wie die Saussuresche nur zwei, so sind beide Semiotiken dennoch monokontextural und damit klassisch.

Mit unserem Schluss, die Peirce-Bense-Semiotik sei zwar triadisch, aber binär, ist es aber nicht getan, denn sie steht im Widerspruch mit Benses philosophischem Diktum von der „Fortsetzbarkeit des Denkens in das Nichts“ und seiner mathematischen Entsprechung der Güntherschen Fortsetzbarkeit des Zählens im Kontexturbereich des Nichts.

Nun findet sich ein Schlüsselsatz in Benses prä-semiotischem Werk. In der „Theorie Kafkas“ heisst es einerseits: „Das Seiende tritt als Zeichen auf und Zeichen überleben in der rein semiotischen Dimension ihrer Bedeutungen den Verlust der Realität“ (1952, S. 80). In der Folge spricht Bense sogar mit ausdrücklichem Bezug auf Günther von dem Problem der „‘meontologischen‘ Differenz zwischen Nichts und Nichtseiendem“ (1952, S. 80), und in der zugehörigen Anmerkung 72 lesen wir: „Der Begriff ‚meontisch‘ stammt wohl von G. Günther, der sich im Zusammenhang mit seinen Untersuchungen zur ‚Zweiten‘ (Hegelschen) Rationalität um die ‚Andere‘-Seinsthematik bemüht. Ich entnehme den Ausdruck einem Brief vom 25. Okt. 1950, in dem G. Günther die meontische Thematik umrissen hat. Leider sind seine diesbezügl. Publikationen noch nicht erschienen. Sie würden die Wichtigkeit dieser von G. Günther herausgearbeiteten ‚zweiten Metaphysik‘, wie er sagt, aufzeigen. Ich verwende den Ausdruck meontologisch etwas variiert im Sinne der Nichtthematik“ (1952, S. 115).

Einerseits ist der Satz, dass Zeichen den Verlust der Realität überleben können, als Vorläufer des semiotischen Verdünnungs- und Affinitätsprinzips zu werten und bestätigt also, dass es in Benses System keine oder höchstens triviale semiotische Erhaltungssätze geben kann, weil „Zeichenmittel, Objekt und Interpretant in ein und derselben Welt sind“ (Gfesser 1990, S. 139). Andererseits aber geht dieser frühe Satz insofern über das spätere Prinzip hinaus, als dem Objekt eine ausserhalb der Zeichenrelation stehende Existenz ausdrücklich zugestanden wird. Dass dies alles andere als selbstverständlich ist, wird klar, wenn man sich daran erinnert, dass Bense selbst später einen „semiotischen ‚Erhaltungssatz‘“ aufgestellt hatte: „Insbesondere muss in diesem Zusammenhang das duale Symmetrieverhältnis zwischen den einzelnen Zeichenklassen und ihren entsprechenden Realitätsthematiken hervorgehoben werden. Dieses Symmetrieverhältnis besagt, dass man im Prinzip nur die ‚Realität‘ bzw. die Realitätsverhältnisse metasemiotisch präsentieren kann, die man semiotisch zu repräsentieren vermag“ (Bense 1981, S. 259). Hier stehen die Begriffe „Erhaltungssatz“ und „Realität“ nicht umsonst in Anführungsstrichen; die „Realität“ befindet sich hier qua Objekt innerhalb des semiotischen Dualsystems.

Dennoch müssen wir festhalten, dass es in Benses früherem – von Morris inspiriertem – präsemiotischen und in seinem späten dichterischen Werk ein Objekt, eine Realität gab, welche ausserhalb des verdünnenden Korsetts der zehn Zeichenklassen und ihrer dual koordinierten Realitätsthematiken lag. Auch Benses wiederholte Behauptung, die Semiotik sei polykontextural wegen der Aufsplitterung der klassisch-einen Realitätsthematik in „transklassisch-“, zehn Realitätsthematiken, mag man im Lichte dieses Widerspruchs sehen. Und ich bin der tiefen Überzeugung, dass Bense selbst sich dieses Widerspruchs bewusst war, und dass der Schlüssel zu dessen Lösung im ersten der eingangs zitierten Gedichte liegt: In Hadamards Vergissfunktoren, die unsrer Höhlen Schattenmale preisen. Diese Schattenmale sind nämlich nichts als Zeichen von Realitäten, welche ausserhalb der Welt der Zeichenklassen und Realitätsthematiken liegen, und zwischen ihnen liegt das Fenster, durch das nun der Weitblick fällt.

Zeichen als Schatten kann man sich als Funktionswerte von Objekten (zusammen mit ihren Morphismen) vorstellen, welche durch Vergissfunktoren abgebildet werden (Hadamard 1959): Während die Objekte der realen Welt plastisch und farbig sind, werden in ihren Schatten eben nur die zweidimensional-farblosen Umrisse der Realität sichtbar. Der semiotische Vergissfunktoren bildet also im Sinne eines echten Transoperators (vgl. Kronthaler 1986, S. 52ff., Toth 2003, S. 36 ff.) die reale Welt ausserhalb des transzendentalen „Fensters“ auf die Schatten-Zeichen ab, welche in ihrer Gesamtheit die verdünnend-poly-affine Welt des semiotischen Dualsystems ausmachen, als deren Gleichnis das Platonische Höhlen-Gefängnis steht, in dem zu leben der Mensch als „semiotisches Tier“ (Paul Mongré) verdammt ist. Dass diese von Peirce inaugurierte und von Bense teilformalisierte Zeichenwelt über ein zehnfach ausdifferenziertes Realitätssystem verfügt, macht die Menschen in dieser Höhle aber nicht glücklicher: Das triadische Zeichenmodell, welches diese Verzehnfachung der Realität ermöglicht, bleibt binär, monokontextural und damit klassisch – letztlich sogar, wie Günther sagte, trinitarisch, also theologisch inspiriert.

Dass das Peircesche pragmatische Zeichenmodell nicht wirklich transklassisch, also echt-transzendental, sein kann, hätte übrigens schon lange einleuchten müssen, denn es ist das Erzeugnis eines Amerikaners, also des Bewohners eines Kontinents, von dem Günther, der 38 Jahre dort verbrachte, bemerkte: „Transzendente Probleme des Himmels und des ewigen Lebens sind ‚un-American‘“ (2000, S. 240, Anm. 22), oder, ausgesprochen schön ausgedrückt: „Erlkönigs Töchter tanzen nicht am Rande der Highways, und Libussa und ihre Gefährtinnen wiegen sich nicht in den Baumwipfeln der riesigen Wälder der Neuen Welt“ (2000, S. 217), denn es ist die Intention des Pragmatismus, „zu ignorieren, dass der Mensch in früheren Kulturen schon gedacht hat“ (2000, S. 241), und dies liegt daran, „dass nichts in Amerika, was aus der spirituellen Tradition der Alten Welt stammt, mit grösserer Verständnislosigkeit registriert wird, als die metaphysische Entwertung des Diesseits“ (2000, S. 149).

Da wir nun wissen, dass der „Weitblick“ aus der Höhle, in welcher Hadamards Vergissfunktoren unsere Schattenmale preisen, durch ein Fenster fällt, das ähnlich Panizzas Dämon (vgl. Panizza 1895) gleichsam in der Wand zwischen Diesseits und Jenseits platziert ist, wissen wir auch, dass die Bensesche Semiotik mindestens einige Ideen zu einer transzendentalen Erweiterung ihrer Peirceschen bewusst-antitranszendentalen Konzeption aufweist (vgl. Maser 1973, S. 29 ff.). Ob Georg Nees eine transzendente Erweiterung der Semiotik ahnte, als er fragte: „Lockerte der Kerkermeister die Fesseln der Gefangenen, was geschähe dann?“ (1998, S. 50)? Ich verstehe diese Frage nicht im naiven Sinne, nämlich dahingehend, ob wir dann imstande wären, die „Dinge an sich“ zu sehen, sondern in dem etwas wissenschaftlicheren Sinne, ob sich dann nicht die Semiotik endlich zu einer wirklichen Wissenschaft entwickeln würde, deren Zweck sich nicht mehr nur darin erschöpfen würde, mit ihren zehn Zeichenklassen und Realitätsthematiken „die Welt zu verdoppeln“ (Fremdzitat).

Die Idee zu einer transzendentalen Semiotik im Sinne einer polykontexturalen Semiotik geht zurück auf Kronthaler (1992). An konkreten Arbeiten gibt es bisher nur Toth (1998, 2000, 2003, 2003a). Ein Übergang von der in dem vorliegenden Buch konzipierten quantitativ-mathematischen Semiotik zu einer qualitativ-mathematischen, d.h. polykontexturalen, Semiotik, wie sie in Toth (2003) bereits vorliegt, muss noch bewerkstelligt werden. Hier in diesem Kapitel wurde der semiotische Vergissfunktoren eingeführt: Da er die unendliche Fülle der Objekte, Ereignisse und Sachverhalte unserer Welt auf das polyrepräsentativ-affine

Zehnersystem der Zeichenklassen und Realitätsthematiken abbildet, ist er mathematisch gesprochen ein surjektiver kovarianter semiotischer Funktor; das semiotische Zehnersystem bildet dabei die „underlying structure“ unserer Welt der realen Objekte, Ereignisse und Sachverhalte.

1.2. Selbstähnlichkeit und Eigenrealität

Wir beginnen mit einem Zitat von Bazon Brock: „Kaum ein Aspekt der sogenannten modernen Kunst ist so leidenschaftlich diskutiert worden wie ihr Fragmentcharakter. Die Collage-Techniken von Kurt Schwitters, die Dekontexturierungen der Ready-mades von Marcel Duchamp, die schöpferischen Destruktionen der Futuristen, die sich selbst vernichtenden Maschinensysteme von Jean Tinguely, die Decollageaktionen von Vostell, die Übermalungen von Arnulf Rainer, die Schlitz- und Bohrtechniken Lucio Fontanas, die Selbstverstümmelungen von Günter Brus, die Modell-Ruinen der Poiriers, die Ruinenarchitekturen der Site-Gruppe boten und bieten immer erneut Anlass für die Erörterung der Frage, in welcher Weise die Künstler die gleichermaßen in diesem Jahrhundert gegebenen Tendenzen zur Fragmentarisierung einerseits und zur Systemkonstruktion andererseits zu bewältigen versuchen“ (Brock 1999, S. 1). Ostermann ergänzte: „Am Fragment ereignet sich eine Selbsttranszendierung des Ästhetischen, die nicht nur das einzelne Werk in seiner zerbrochenen Gestalt, sondern die auch die Kunst insgesamt als eine zwar nicht mehr schöne, aber dennoch unersetzbare Veranstaltung im Geiste des Schönen vor dem Untergang bewahrt“ (Ostermann 1991, S. 10). Filmisch bietet Chantal Akermans „Tout une nuit“ (1982) ein gutes Beispiel für fragmentarische Ästhetik (vgl. Toth 2007b). Die Internet-Filmzeitschrift „Ciné-Club“ beschreibt das Wesentliche wie folgt: „Une nuit. Une femme, ses chaussures à la main, se jette dans les bras d'un homme. Dans un café déserté, un homme, une femme, seuls. Ils se regardent, puis se lèvent. Frappés d'un coup de foudre, ils s'étreignent et dansent à corps perdus. Des amants se séparent, des amours naissent, des passions éclatent, des coeurs se brisent; dans la chaleur d'une nuit d'été et d'orage...“ (<http://www.cineclubdecaen.com/realisat/akerman/touteunenuit.htm>).

Ein Fraktal ist ein besonderes Fragment, nämlich eine Menge, deren Hausdorff-Besicowitsch-Dimension grösser ist als ihre topologische Dimension. Jede Menge mit nicht-ganzzahliger Dimension ist also ein fraktal. Die Umkehrung gilt nicht, Fraktale können auch ganzzahlige Dimensionen besitzen, beispielsweise die Brownsche Bewegung (Mandelbrot 1987).

Besteht ein Fraktal aus einer bestimmten Anzahl von verkleinerten Kopien seiner selbst, und ist dieser Verkleinerungsfaktor für alle Kopien derselbe, verwendet man die Ähnlichkeitsdimension D :

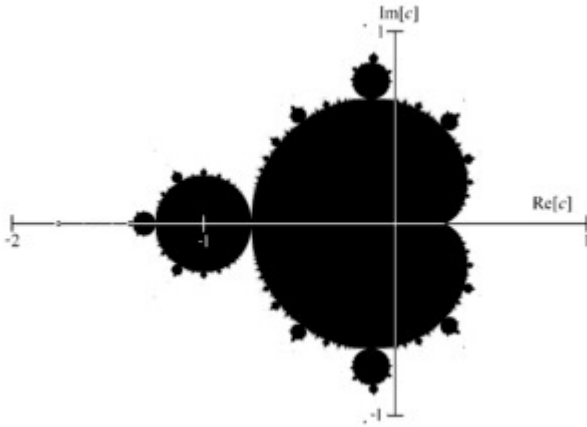
$$D = \log(\text{Anzahl selbstähnlicher Teile}) / \log(\text{Verkleinerungsfaktor})$$

Triviale Beispiele für Fraktale sind Strecken, Parallelogramme (u.a. Quadrate), Würfel, etc., denn sie können durch zu ihren Seiten parallele Schnitte in verkleinerte Kopien ihrer selbst zerlegt werden (Peitgen 1989).

Systeme sind also nur dann aus ihren Fragmenten rekonstruierbar, wenn diese selbstähnlich sind. Wir definieren deshalb die Selbstähnlichkeit: Gegeben sei eine kompakte Punktmenge

G in einem metrischen Raum. Sie werde in $N > 1$, bis auf die Randelemente paarweise disjunkte, kongruente Teilmengen G_i , $i \in \{1, 2, 3, \dots, N\}$ zerlegt, also $G = \cup_{i=1}^N G_i$. Wenn es dann für alle i eine Ähnlichkeitsabbildung $\gamma(G_i) = G$ gibt, dann heisst G selbstähnlich im strengen Sinn. Der zugeordnete Vergrößerungsfaktor wird mit p bezeichnet, $p > 1$ (Peitgen et al. 1994).

Fraktale Muster werden oft durch rekursive Operationen erzeugt. Die Iteration von Funktionen ist die einfachste und bekannteste Art, Fraktale zu erzeugen. Das wohl



bekanntest Beispiel ist die Mandelbrot-Menge:

Die Mandelbrot-Menge in der komplexen Ebene (Quelle: Wikipedia).

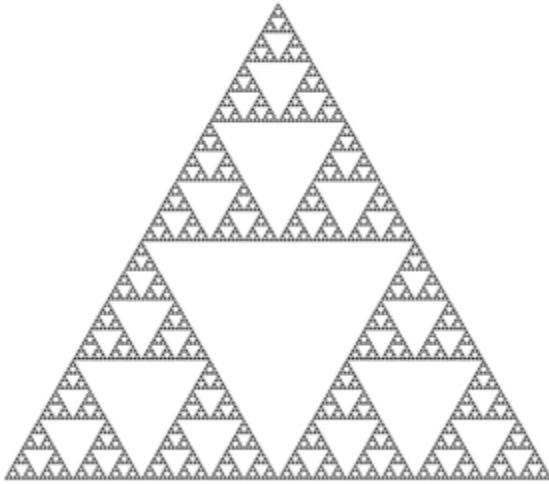
Ein semiotisches Beispiel für ein Fraktal ist das Sierpinski-Dreieck (dreidimensional auch der "Tetraederkäse"). Dieses ist ein Fraktal, das durch fortgesetzte rekursive Aufteilung eines Vorgängerdreiecks $n-1$ in 4 weitere (zueinander kongruente) Dreiecke erhalten wird, die dem Ausgangsdreieck ähnlich im mathematischen Sinne sind, was sich als Lindenmayer-System wie folgt skizzieren lässt:

$FXF - FF - FF$

$X \rightarrow -FXF++FXF++FXF-$

$F \rightarrow FF$

Eine rekursive Zeichenprozedur ruft sich also selbst im Anweisungsteil auf. Das muss sich natürlich auf die erzeugte Grafik auswirken: Der Selbstaufwurf führt zur Selbstähnlichkeit. Da Bogarin (1986) gezeigt hatte, dass Rekursion semiotisch als Eigenrealität mittels der dual-invarianten Zeichenklasse (3.1 2.2 1.3) repräsentiert wird, muss auch Selbstähnlichkeit durch die semiotische Eigenrealität repräsentiert sein.



Das Sierpinski-Dreieck mit selbstähnlichen Teil-Dreiecken und Rekursionstiefe 7 (Quelle: Wikipedia)

Ein Sierpinski-Dreieck lässt sich auch als Attraktor eines dynamischen Rückkopplungsprozesses, eines so genannten deterministisch iterierten Funktionensystems mit geeigneten Parametern aus nahezu jeder beliebigen geometrischen Figur

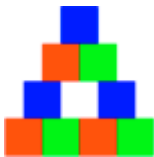
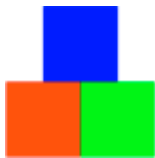
darstellen (Sander 1989).
Dabei werden Mehrfach-
Transformationen des
Ausgangsobjekts
vorgenommen, diese Bilder
mit einer
Abbildungsvorschrift, dem
Hutchinson-Operator,
entsprechend angeordnet
und diese Prozedur erneut
auf das entstandene
Gesamtbild angewandt,
usw. Mit zunehmender
Iterationstiefe streben die
entstehenden Bilder, falls
geeignete Parameter

gewählt wurden, einem
Sierpinski-Dreieck zu, das
in diesem Falle der
Attraktor des
Funktionensystems ist. Ein
Sierpinski-Dreieck ist somit
charakterisiert als diejenige
kompakte Teilmenge der
Ebene, die identisch ist mit
der Vereinigung ihrer drei
Bilder unter den drei
Ähnlichkeitsabbildungen,
die das gesamte Dreieck
jeweils auf die drei halb so
grossen Teildreiecke

abbilden (Quelle: Wikipedia):

Generierung des Siperinski- Dreiecks: Semiotische Analoga:

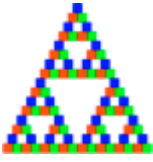
PZ = (.1., .2., .3.)



ZKL= (3.3, 3.2, 2.1)
(3.2, 2.3, 1.3), (3.2, 2.2, 1.3)
(3.2, 2.2, 1.2), (3.1, 2.3, 1.2), (3.1, 2.2, 1.3)
(3.1, 2.2, 1.2), (3.1, 2.1, 1.3), (3.1, 2.1, 1.2), (3.1, 1.2, 1.1)



(27 Zkln)



(81 Zkln)

Nimmt man die Menge der 10 Zeichenklassen und hebt man die semiotische Inklusionsrelation (3.a, 2.b, 1.c mit $a, b, c \in \{1, 2, 3\}$ und $a \leq b \leq c$) auf (vgl. Toth 1996), so erhält man die oben erwähnten 27 Zeichenklassen. Lässt man ausserdem die Bedingung der semiotischen triadischen Konstanz (3.a, 2.b, 1.c) weg, setzt man also (a.b, c.d, e.f) mit $a, b, c, d, e, f \in \{1, 2, 3\}$, ergeben sich die ebenfalls genannten 81 Zeichenklassen (vgl. Toth 2008).

Wegen $N = 3$ und $p = 2$ hat das Sierpinski-Dreieck die Hausdorff-Besicowitsch-Dimension $d_s = \log(3) / \log(2) \approx 1,5850$. Es kann mittels der Barnsley-Maschine in den drei Arbeitsgängen Verkleinern, Kopieren und Anordnen, also semiotisch gesprochen mit triadischer Reduktion, Iteration und Adjunktion, realisiert werden (Barnsley 1988). Barnsleys Maschine hebt dabei die Dualität von Natur und Kultur auf, insofern etwa ein Blumenkohl und ein Sierpinski-Teppich mit exakt denselben mathematischen Operationen beschrieben werden können. Die Barnsley-Maschine ist ein deterministisch iteriertes Funktionensystem und verfügt, wie Hutchinson (1981) bewiesen hat, über genau einen Attraktor, d.h. jeder beliebige Input führt zu demselben Endergebnis, und wenn man dieses Endergebnis in die Maschine einspeist und iteriert, bewirkt der Mechanismus keinerlei Veränderungen:

Satz von Hutchinson (1981): Für jede endliche Menge $\{f_i: i = 1, \dots, n\}$ von verkleinernden Ähnlichkeitsabbildungen f_i gibt es genau eine beschränkte Menge A mit $A = \cup_{i=1}^n f_i(A)$.

Nimmt man also das Einheitsquadrat und die drei Hutchinsonschen Ähnlichkeitstransfor- mationen

$$w_{00}(x, y) = (1/2x, 1/2y), w_{01}(x, y) = (1/2x, 1/2y + 1/2), w_{10}(x, y) = (1/2x + 1/2, 1/2y),$$

so erhält man als Attraktor das Sierpinski-Dreieck.

Mit dem Sierpinski-Dreieck verwandt ist auch das Pascalsche Dreieck (vgl. Toth 2007c, S. 186 ff.):

1	11	1	11	1	1	1	1	1
1	2	3	4	5	6	7	8	9
1	3	6	10	15	21	28	36	
1	4	10	20	35	56	84		
1	5	15	35	70	126			
1	6	21	56	126				
1	7	28	84					
1	8	36						
1	9							
1								

Während die erste Zeile und Spalte aus Einserfolgen besteht, finden wir in der zweiten Zeile und Spalte die

**Folge der natürlichen
Zahlen, also die
eindimensionalen Zahlen.
In der dritten Zeile und
Spalte stehen die
zweidimensionalen
Dreieckszahlen, in der
vierten die
dreidimensionalen
Tetraederzahlen, in der
fünften die
vierdimensionalen Zahlen,
in der sechsten die
fünfdimensionalen Zahlen,
usw. Diese lassen sich nicht
nur aus dem Pascalschen**

**Dreieck ablesen, sondern
auch durch einfache
Formeln berechnen:**

**Dreieckszahlen: 1, 3, 6,
10, 15, 21, 28, 36, 45, 55, ...**
 $\frac{1}{2} n (n + 1)$

**Tetraederzahlen: 1, 4, 10,
20, 35, 56, 84, 120, 165, 220,
...**
 $\frac{1}{6} n (n + 1) (n + 2)$

4-dimensionale Zahlen: 1, 5, 15, 35, 70, 126, 210, 330, 495, 715, ...

$$\frac{1}{24} n (n + 1) (n + 2) (n + 3)$$

5-dimensionale Zahlen: 1, 6, 21, 56, 126, 252, 462, 792, 1287, 2002, ...

$$\frac{1}{120} n (n + 1) (n + 2) (n + 3) (n + 4)$$

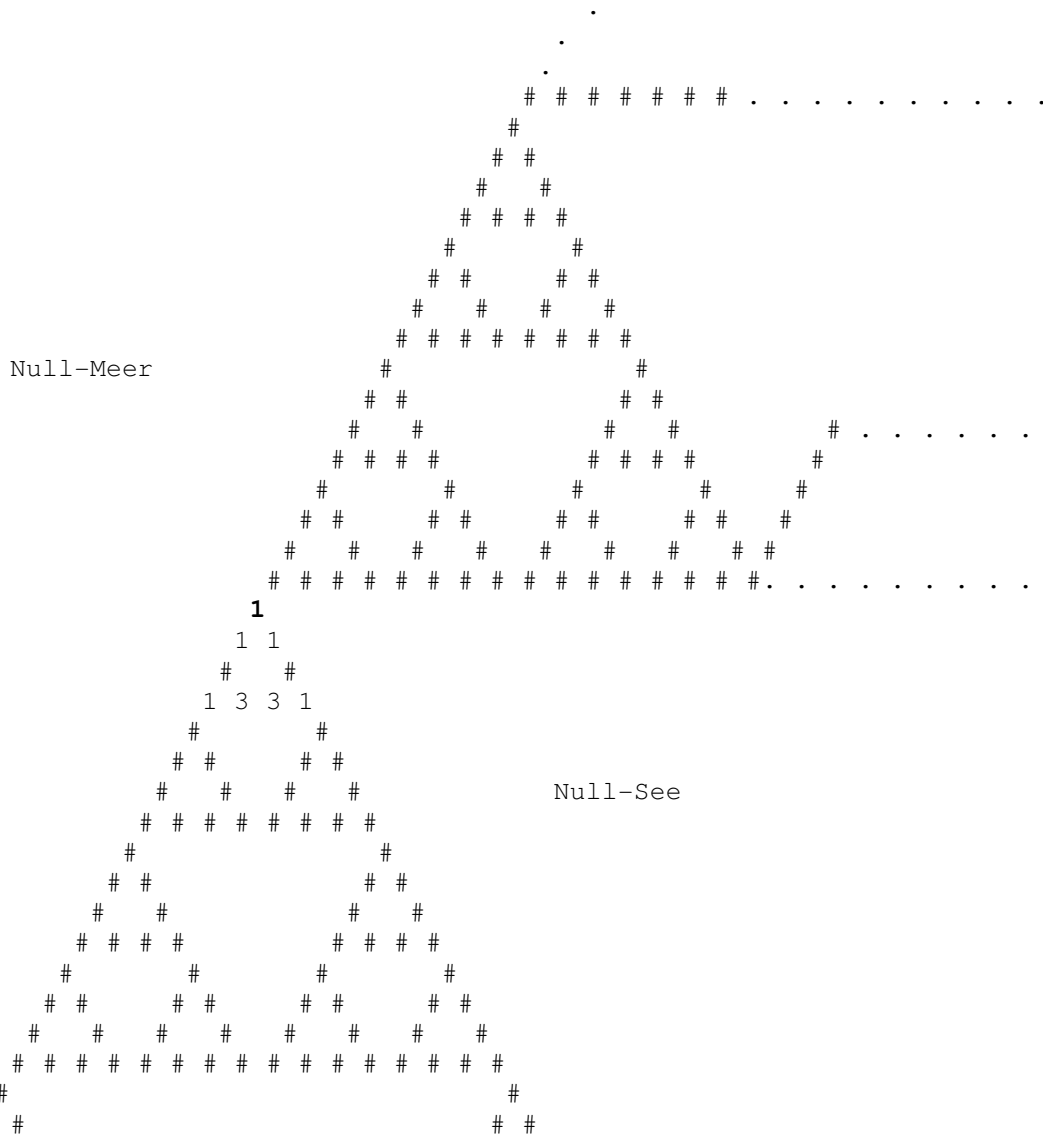
Die in der obigen Darstellung fett markierten Zahlen sind also zugleich die Anzahlen der

triadischen, tetradischen,
pentadischen und
hexadischen Semiotiken.
Damit korrespondieren also
zweidimensionale Zahlen
mit der triadischen
Semiotik, dreidimensionale
mit der tetradischen
Semiotik ..., allgemein: n -
dimensionale Zahlen mit
der $n+1$ -dimensionalen
Semiotik, und zwar gibt
offenbar die $n+2$ -te n -
dimensionale Zahl einer

**$n+1$ -adischen Semiotik die
Anzahl derer $Z_k \times R_{th}$ an.**

**Um den Zusammenhang
zwischen Pascalschem und
Sierpinski-Dreieck zu
verdeutlichen, stelle man
sich nun die ungeraden
Zahlen als schwarz markiert
vor und die geraden als
farblos. Die ungeraden
Zahlen des Pascal-Dreiecks
werden der Einfachheit
halber als Doppelkreuze
angegeben und die geraden**

Zahlen weggelassen (Quelle: Wikipedia):



Im nächsten Kapitel wird das vollständige semiotische System-Fragment-Modell durch alle kombinatorisch möglichen Trichotomischen Triaden dargestellt. Da diese nach der Feststellung Walthers (1982) durch die eigenreale Zeichenklasse miteinander zusammenhängen, erweist sich das im folgenden präsentierte Modell auch zur Beschreibung fraktaler Wahrnehmung, Entstehung und Produktion als geeignet.

2. Vollständiges Modell einer fragmentarischen Semiotik

Im folgenden präsentiere ich das vollständige Modell einer fragmentarischen Semiotik anhand der kombinatorisch möglichen 1647 Trichotomischen Triaden. In den folgenden Schemata werden die pro Trichotomischer Triade “besetzten” 3 Realitätsthematiken (bzw. ihre konstituierenden Subzeichen) fett gesetzt. In der nachfolgenden Differenzenmenge, die etwas halbformal als “TrTr\X” (mit $X \in \{1, \dots, 1647\}$) bezeichnet wird, sind nur jene Subzeichen weggelassen, welche in den drei Trichotomischen Triaden 2mal erscheinen, d.h. semiotisch “designiert” sind. Mit anderen Worten enthält also jede Differenzenmenge alle Subzeichen des Schemas der vollständigen semiotischen Repräsentation, welches in den 1647 Fragmenten höchstens 1mal “designiert” wird. Die 1647 Trichotomischen Triaden werden dabei aus strukturellen Gründen in Gruppen mit triadischem, dyadischem und monadischem Durchschnitt gegliedert, wobei bei letzteren noch zwischen solchen mit mindestens einer leeren Teilmenge und solche ohne leere Teilmenge unterschieden wird.

2.1. Trichotomische Triaden mit triadischem Durchschnitt

$$1 \quad [MM, MM, MM] \quad \Leftrightarrow \quad [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [id1 \quad \alpha \quad \beta\alpha - id1 \quad \alpha \quad \beta\alpha - id1 \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 1 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ id3, \beta^\circ, \alpha^\circ\beta^\circ, \beta, id2, \alpha^\circ \}$$

$$14 \quad [OM, OM, OM] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 14 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$$

{id3, β° , $\alpha^\circ\beta^\circ$, β , id2, id1}

$$27 \quad [\text{IM}, \text{IM}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 2.2 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** **1.2** 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 27 = \quad \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$352 \quad [\text{MO}, \text{MO}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1
 2.3 **2.2** **2.1** 2.3 **2.2** **2.1** 2.3 **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 352 = \quad \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha, \text{id1} \}$$

$$365 \quad [\text{OO}, \text{OO}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1
2.3 **2.2** **2.1** **2.3** **2.2** **2.1** **2.3** **2.2** **2.1**
 1.3 1.2 1.1 1.3 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 365 = \quad \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$378 \quad [\text{IO}, \text{IO}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 **2.2** 2.1 **2.3** **2.2** 2.1 **2.3** **2.2** 2.1
 1.3 1.2 1.1 1.3 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 378 = \quad \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$$

{id3, β° , α° , $\beta\alpha$, α , id1}

$$703 \quad [\text{MI}, \text{MI}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 703 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$716 \quad [\text{OI}, \text{OI}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 716 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$729 \quad [\text{II}, \text{II}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc|ccc|ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 729 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1389 \quad [\text{OT}, \text{MI}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1389 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv$$

{id3, β° , β , id2, α° , α , id1}

$$1445 \text{ [OT, OI, OI]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1445 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1487 \text{ [MO, MT, OT]} \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1487 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1621 \text{ [MT, MT, MT]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1621 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1622 \text{ [MT, MT, OT]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1622 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1635 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1636 \text{ [OT, IT, MT]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1636 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1637 \text{ [OT, IT, OT]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1637 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1638 \text{ [OT, IT, IT]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1638 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1639 \text{ [IT, MT, MT]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1639 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, α°, α, id1}

1640 [IT, MT, OT] ⇔ [3.1 2.2 1.3 – 3.1 2.2 1.3 – 3.1 2.2 1.3]
 ⇔ [α°β° id2 βα – α°β° id2 βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1640 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, α°, α, id1}

1641 [IT, MT, IT] ⇔ [3.1 2.2 1.3 – 3.1 2.2 1.3 – 3.1 2.2 1.3]
 ⇔ [α°β° id2 βα – α°β° id2 βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1641 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, α°, α, id1}

1642 [IT, OT, MT] ⇔ [3.1 2.2 1.3 – 3.1 2.2 1.3 – 3.1 2.2 1.3]
 ⇔ [α°β° id2 βα – α°β° id2 βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1642 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, α°, α, id1}

1643 [IT, OT, OT] ⇔ [3.1 2.2 1.3 – 3.1 2.2 1.3 – 3.1 2.2 1.3]
 ⇔ [α°β° id2 βα – α°β° id2 βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1643 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1644 \text{ [IT, OT, IT]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1644 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1645 \text{ [IT, IT, MT]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1645 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1646 \text{ [IT, IT, OT]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1646 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1647 \text{ [IT, IT, IT]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1647 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id}_1 \}$

2.2. Trichotomische Triaden mit dyadischem Durchschnitt

2	[MM, MM, OM]	\Leftrightarrow	[1.1	1.2	1.3 – 1.1	1.2	1.3 – 2.1	1.2	1.3]
		\Leftrightarrow	[id1	α	$\beta\alpha - \text{id}_1$	α	$\beta\alpha - \alpha^\circ$	α	$\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 2 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id}_2, \alpha^\circ, \text{id}_1 \}$

3	[MM, MM, IM]	\Leftrightarrow	[1.1	1.2	1.3 – 1.1	1.2	1.3 – 3.1	1.2	1.3]
		\Leftrightarrow	[id1	α	$\beta\alpha - \text{id}_1$	α	$\beta\alpha - \alpha^\circ\beta^\circ$	α	$\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 3 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id}_2, \alpha^\circ, \text{id}_1 \}$

4	[MM, OM, MM]	\Leftrightarrow	[1.1	1.2	1.3 – 2.1	1.2	1.3 – 1.1	1.2	1.3]
		\Leftrightarrow	[id1	α	$\beta\alpha - \alpha^\circ$	α	$\beta\alpha - \text{id}_1$	α	$\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 4 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id}_2, \alpha^\circ, \text{id}_1 \}$

5	[MM, OM, OM]	\Leftrightarrow	[1.1	1.2	1.3 – 2.1	1.2	1.3 – 2.1	1.2	1.3]
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$$\Leftrightarrow [\text{id1 } \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 9 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$10 \quad [\text{OM, MM, MM}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 10 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$11 \quad [\text{OM, MM, OM}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 11 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$12 \quad [\text{OM, MM, IM}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 12 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$13 \quad [\text{OM, OM, MM}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 13 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$15 \quad [\text{OM}, \text{OM}, \text{IM}] \quad \Leftrightarrow [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 15 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$16 \quad [\text{OM}, \text{IM}, \text{MM}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 16 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$17 \quad [\text{OM}, \text{IM}, \text{OM}] \quad \Leftrightarrow [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 17 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$18 \quad [\text{OM}, \text{IM}, \text{IM}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 18 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$19 \quad [\text{IM}, \text{MM}, \text{MM}] \quad \Leftrightarrow [3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 19 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$20 \quad [\text{IM}, \text{MM}, \text{OM}] \quad \Leftrightarrow [3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 20 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$21 \quad [\text{IM}, \text{MM}, \text{IM}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 21 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$22 \quad [\text{IM}, \text{OM}, \text{MM}] \quad \Leftrightarrow [3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 22 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$23 \quad [\text{IM}, \text{OM}, \text{OM}] \quad \Leftrightarrow [3.1 \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 23 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$24 \quad [\text{IM}, \text{OM}, \text{IM}] \quad \Leftrightarrow [\mathbf{3.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 24 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$25 \quad [\text{IM}, \text{IM}, \text{MM}] \quad \Leftrightarrow [\mathbf{3.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 25 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$26 \quad [\text{IM}, \text{IM}, \text{OM}] \quad \Leftrightarrow [\mathbf{3.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \ \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \ \beta\alpha - \alpha^\circ \ \alpha \ \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 26 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$28 \quad [\text{MM}, \text{MM}, \text{MO}] \quad \Leftrightarrow [\mathbf{1.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{1.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{2.1} \ \mathbf{1.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\text{id1} \ \alpha \ \beta\alpha - \text{id1} \ \alpha \ \beta\alpha - \alpha^\circ \ \alpha \ \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 28 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$40 \quad [\text{OM}, \text{OM}, \text{MO}] \quad \Leftrightarrow [\mathbf{2.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{2.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{2.1} \ 2.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \ \alpha \ \beta\alpha - \alpha^\circ \ \alpha \ \beta\alpha - \alpha^\circ \ \text{id2} \ \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 40 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha, \text{id1} \}$$

$$55 \quad [\text{MM}, \text{MM}, \text{MI}] \quad \Leftrightarrow [\mathbf{1.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{1.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{1.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\text{id1} \ \alpha \ \beta\alpha - \text{id1} \ \alpha \ \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \ \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 55 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \text{id1} \}$$

$$79 \quad [\text{IM}, \text{IM}, \text{MI}] \quad \Leftrightarrow [\mathbf{3.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 79 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$92 \quad [\text{OM}, \text{MO}, \text{OM}] \quad \Leftrightarrow [\mathbf{2.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \ \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 92 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha, \text{id1} \}$$

$$118 \quad [\text{OM}, \text{MO}, \text{MO}] \quad \Leftrightarrow [\mathbf{2.1} \ 1.2 \ \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \ \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 118 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha, \text{id1} \}$$

$$183 \quad [\text{IM}, \text{MI}, \text{IM}] \quad \Leftrightarrow [\mathbf{3.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 183 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$235 \quad [\text{IM}, \text{MI}, \text{MI}] \quad \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 235 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$248 \quad [\text{MO}, \text{OM}, \text{OM}] \quad \Leftrightarrow [\mathbf{2.1} \ 2.2 \ \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \ \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \ \text{id2} \ \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 248 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha, \text{id1} \}$$

$$274 \quad [\text{MO}, \text{OM}, \text{MO}] \quad \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \ \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \ \text{id2} \ \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \ \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 274 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha, \text{id1} \}$$

$$326 \quad [\text{MO}, \text{MO}, \text{OM}] \quad \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \ \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \ \text{id2} \ \beta\alpha - \alpha^\circ \quad \text{id2} \ \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 326 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha, \text{id1} \}$$

$$353 \quad [\text{MO}, \text{MO}, \text{OO}] \quad \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \ \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \ 2.3]$$

$$\Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 353 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \beta\alpha, \alpha, \text{id1} \}$$

$$355 \quad [\text{MO}, \text{OO}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 355 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \beta\alpha, \alpha, \text{id1} \}$$

$$356 \quad [\text{MO}, \text{OO}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 356 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \beta\alpha, \alpha, \text{id1} \}$$

$$361 \quad [\text{OO}, \text{MO}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 361 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \beta\alpha, \alpha, \text{id1} \}$$

$$362 \quad [\text{OO}, \text{MO}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 362 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \beta\alpha, \alpha, \text{id1} \}$$

$$364 \text{ [OO, OO, MO]} \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{2.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{2.1} \ \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 364 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \beta\alpha, \alpha, \text{id1} \}$$

$$366 \text{ [OO, OO, IO]} \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{2.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta - \alpha^\circ \beta^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 366 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$368 \text{ [OO, IO, OO]} \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{2.1} \ \mathbf{2.2} \ \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ \beta^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 368 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$369 \text{ [OO, IO, IO]} \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ \beta^\circ \text{ id2 } \beta - \alpha^\circ \beta^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 369 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$374 \text{ [IO, OO, OO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ \beta^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 374 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$375 \text{ [IO, OO, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ \beta^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta - \alpha^\circ \beta^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 375 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$377 \text{ [IO, IO, OO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ \beta^\circ \text{ id2 } \beta - \alpha^\circ \beta^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 377 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$404 \text{ [IO, IO, OI]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \beta^\circ \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 404 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$456 \quad [\text{IO}, \text{OI}, \text{IO}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 456 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$482 \quad [\text{IO}, \text{OI}, \text{OI}] \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 482 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$495 \quad [\text{MI}, \text{IM}, \text{IM}] \quad \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta\alpha - \alpha^\circ\beta^\circ \alpha \beta\alpha - \alpha^\circ\beta^\circ \alpha \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 495 = \{ \langle 3.3, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$547 \quad [\text{MI}, \text{IM}, \text{MI}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 547 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$612 \quad [\text{OI}, \text{IO}, \text{IO}] \quad \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 612 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$638 \quad [\text{OI}, \text{IO}, \text{OI}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 638 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$651 \quad [\text{MI}, \text{MI}, \text{IM}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 651 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$690 \quad [\text{OI}, \text{OI}, \text{IO}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \text{id2} \beta]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 690 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$704 \quad [\text{MI}, \text{MI}, \text{OI}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 704 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$705 \quad [\text{MI}, \text{MI}, \text{II}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 705 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$706 \quad [\text{MI}, \text{OI}, \text{MI}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 706 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$707 \quad [\text{MI}, \text{OI}, \text{OI}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 707 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$708 \quad [\text{MI}, \text{OI}, \text{II}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 708 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$709 \quad [\text{MI}, \text{II}, \text{MI}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 709 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$710 \quad [\text{MI}, \text{II}, \text{OI}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 710 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$711 \quad [\text{MI}, \text{II}, \text{II}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 711 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 712 \quad [\text{OI}, \text{MI}, \text{MI}] \\ \Leftrightarrow [3.1 \quad 3.2 \quad 2.3 - 3.1 \quad 3.2 \quad 1.3 - 3.1 \quad 3.2 \quad 1.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 712 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 713 \quad [\text{OI}, \text{MI}, \text{OI}] \\ \Leftrightarrow [3.1 \quad 3.2 \quad 2.3 - 3.1 \quad 3.2 \quad 1.3 - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 713 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 714 \quad [\text{OI}, \text{MI}, \text{II}] \\ \Leftrightarrow [3.1 \quad 3.2 \quad 2.3 - 3.1 \quad 3.2 \quad 1.3 - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 714 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$715 \quad [\text{OI}, \text{OI}, \text{MI}] \quad \Leftrightarrow [3.1 \quad 3.2 \quad 2.3 - 3.1 \quad 3.2 \quad 2.3 - 3.1 \quad 3.2 \quad 1.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 715 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 717 \quad [\text{OI}, \text{OI}, \text{II}] \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \text{id3}] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 717 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 718 \quad [\text{OI}, \text{II}, \text{MI}] \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \beta^\circ \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 718 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 719 \quad [\text{OI}, \text{II}, \text{OI}] \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \beta^\circ \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 719 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$720 \quad [\text{OI}, \text{II}, \text{II}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \text{id}_3 - \alpha^\circ\beta^\circ \beta^\circ \text{id}_3]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 720 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$\begin{array}{l} 721 \quad [\text{II}, \text{MI}, \text{MI}] \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id}_3 - \alpha^\circ\beta^\circ \beta^\circ \beta\alpha - \alpha^\circ\beta^\circ \beta^\circ \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 721 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$\begin{array}{l} 722 \quad [\text{II}, \text{MI}, \text{OI}] \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id}_3 - \alpha^\circ\beta^\circ \beta^\circ \beta\alpha - \alpha^\circ\beta^\circ \beta^\circ \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 722 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$\begin{array}{l} 723 \quad [\text{II}, \text{MI}, \text{II}] \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id}_3 - \alpha^\circ\beta^\circ \beta^\circ \beta\alpha - \alpha^\circ\beta^\circ \beta^\circ \text{id}_3] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 723 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$724 \quad [\text{II}, \text{OI}, \text{MI}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 724 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 725 \quad [\text{II}, \text{OI}, \text{OI}] \\ \Leftrightarrow [\mathbf{3.1} \ \mathbf{3.2} \ 3.3 - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{2.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \beta] \end{array}$$

$$\begin{array}{ccc|ccc|ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 725 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 726 \quad [\text{II}, \text{OI}, \text{II}] \\ \Leftrightarrow [\mathbf{3.1} \ \mathbf{3.2} \ \mathbf{3.3} - \mathbf{3.1} \ \mathbf{3.2} \ 2.3 - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{3.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \beta^\circ \text{id3}] \end{array}$$

$$\begin{array}{ccc|ccc|ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 726 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 727 \quad [\text{II}, \text{II}, \text{MI}] \\ \Leftrightarrow [\mathbf{3.1} \ \mathbf{3.2} \ \mathbf{3.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{3.3} - \mathbf{3.1} \ \mathbf{3.2} \ 1.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \beta^\circ \beta\alpha] \end{array}$$

$$\begin{array}{ccc|ccc|ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 727 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$728 \quad [\text{II}, \text{II}, \text{OI}] \quad \Leftrightarrow [\mathbf{3.1} \ \mathbf{3.2} \ \mathbf{3.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{3.3} - \mathbf{3.1} \ \mathbf{3.2} \ 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \beta^\circ \beta]$$

$$\begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 728 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 754 \quad [\text{IM}, \text{IM}, \text{MT}] \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 754 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 755 \quad [\text{IM}, \text{IM}, \text{OT}] \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 755 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 756 \quad [\text{IM}, \text{IM}, \text{IT}] \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 756 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$802 \quad [\text{IM}, \text{MI}, \text{MT}] \quad \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \ \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 802 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{ll} 803 & [\text{IM}, \text{MI}, \text{OT}] \end{array} \quad \begin{array}{l} \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ \mathbf{1.3} - \mathbf{3.1} \ 2.2 \ \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \ \beta\alpha] \end{array}$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 803 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{ll} 804 & [\text{IM}, \text{MI}, \text{IT}] \end{array} \quad \begin{array}{l} \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ \mathbf{1.3} - \mathbf{3.1} \ 2.2 \ \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \ \beta\alpha] \end{array}$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 804 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{ll} 809 & [\text{IM}, \text{II}, \text{OT}] \end{array} \quad \begin{array}{l} \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ 2.2 \ \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \ \text{id2} \ \beta\alpha] \end{array}$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 809 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$838 \quad [\text{MO}, \text{MO}, \text{MT}] \quad \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{2.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 838 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 839 \quad [\text{MO}, \text{MO}, \text{OT}] \\ \Leftrightarrow [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{array}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 839 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 840 \quad [\text{MO}, \text{MO}, \text{IT}] \\ \Leftrightarrow [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{array}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 840 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 862 \quad [\text{IO}, \text{IO}, \text{MT}] \\ \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad 1.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{array}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 862 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$863 \quad [\text{IO}, \text{IO}, \text{OT}] \quad \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad 1.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 863 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$864 \quad [\text{IO}, \text{IO}, \text{IT}] \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 864 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$898 \quad [\text{MI}, \text{IM}, \text{MT}] \quad \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 898 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$899 \quad [\text{MI}, \text{IM}, \text{OT}] \quad \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 899 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$900 \quad [\text{MI}, \text{IM}, \text{IT}] \quad \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \ \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 993 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$996 \quad [\text{IM}, \text{OT}, \text{IM}] \quad \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 1.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \ \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 996 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$999 \quad [\text{IM}, \text{IT}, \text{IM}] \quad \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 1.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \ \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 999 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1045 \quad [\text{IM}, \text{MT}, \text{MI}] \quad \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \ \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \ \beta\alpha]$$

$$\begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{lll} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1045 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1048 \quad [\text{IM}, \text{OT}, \text{MI}] \quad \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{llll} 3.3 & 3.2 & \mathbf{3.1} & 3.3 \ 3.2 \ \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 \ \mathbf{2.2} \ 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} \ 1.2 \ 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1048 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{ll} 1051 \text{ [IM, IT, MI]} & \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{array}$$

$$\begin{array}{llll} 3.3 & 3.2 & \mathbf{3.1} & 3.3 \ 3.2 \ \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 \ \mathbf{2.2} \ 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} \ 1.2 \ 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1051 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{ll} 1081 \text{ [MO, MT, MO]} & \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{1.3} - 3.1 \ 2.2 \ \mathbf{1.3} - \mathbf{2.1} \ 2.2 \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ \ \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{llll} 3.3 & 3.2 & 3.1 & 3.3 \ 3.2 \ \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 \ \mathbf{2.2} \ 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} \ 1.2 \ 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1081 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{ll} 1084 \text{ [MO, OT, MO]} & \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{1.3} - 3.1 \ 2.2 \ \mathbf{1.3} - \mathbf{2.1} \ 2.2 \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ \ \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{llll} 3.3 & 3.2 & 3.1 & 3.3 \ 3.2 \ \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 \ \mathbf{2.2} \ 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} \ 1.2 \ 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1084 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1087 \text{ [MO, IT, MO]} \quad \Leftrightarrow [\mathbf{2.1} \ \mathbf{2.2} \ \mathbf{1.3} - 3.1 \ 2.2 \ \mathbf{1.3} - \mathbf{2.1} \ 2.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1087 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1101 \text{ [IO, MT, IO]} & \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{3.1} \ \mathbf{2.2} \ 1.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta \ - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta] \end{aligned}$$

$$\begin{array}{ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1101 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1107 \text{ [IO, IT, IO]} & \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{3.1} \ \mathbf{2.2} \ 1.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta \ - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta] \end{aligned}$$

$$\begin{array}{ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1107 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1137 \text{ [MI, MT, IM]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ \mathbf{1.3} - \mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 1.2 \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \ \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \ \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1137 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1140 \text{ [MI, OT, IM]} \quad \Leftrightarrow [\mathbf{3.1} \ 3.2 \ \mathbf{1.3} - \mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 1.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1140 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 1143 \text{ [MI, IT, IM]} \\ \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1143 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 1189 \text{ [MI, MT, MI]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1189 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 1192 \text{ [MI, OT, MI]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1192 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1195 \text{ [MI, IT, MI]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1195 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1224 \text{ [MT, IM, IM]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1224 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1233 \text{ [OT, IM, IM]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1233 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1242 \text{ [IT, IM, IM]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1242 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1276 \text{ [MT, IM, MI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 **3.2** **3.1**
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** **1.2** 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1276 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1285 \text{ [OT, IM, MI]} \quad \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3 - 3.1} \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 **3.2** **3.1**
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** **1.2** 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1285 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1294 \text{ [IT, IM, MI]} \quad \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3 - 3.1} \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 **3.2** **3.1**
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** **1.2** 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1294 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1324 \text{ [MT, MO, MO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3 - 2.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 3.1 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** **2.1** 2.3 **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1324 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1332 \text{ [MT, IO, IO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{2.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1332 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1333 \text{ [OT, MO, MO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1333 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1341 \text{ [OT, IO, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1341 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1342 \text{ [IT, MO, MO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1342 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1350 \text{ [IT, IO, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1350 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1380 \text{ [MT, MI, IM]} \quad \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ \mathbf{1.3} - \mathbf{3.1} \ 1.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \ \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \ \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1380 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1398 \text{ [IT, MI, IM]} \quad \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ \mathbf{1.3} - \mathbf{3.1} \ 1.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \ \beta\alpha - \alpha^\circ\beta^\circ \ \alpha \ \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1398 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1432 \text{ [MT, MI, MI]} \quad \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \ \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \ \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1432 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1441 \text{ [OT, MI, MI]} \quad \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1441 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1450 \text{ [IT, MI, MI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1450 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1477 \text{ [IM, MT, MT]} \quad \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1477 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1478 \text{ [IM, MT, OT]} \quad \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1478 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1479 \text{ [IM, MT, IT]} \quad \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1482 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1484 \text{ [IM, IT, OT]} \quad \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1484 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1485 \text{ [IM, IT, IT]} \quad \Leftrightarrow [\mathbf{3.1} \ 1.2 \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \ \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1485 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1486 \text{ [MO, MT, MT]} \quad \Leftrightarrow [2.1 \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \ \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1486 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1488 \text{ [MO, MT, IT]} \quad \Leftrightarrow [2.1 \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1492 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1493 \text{ [MO, IT, OT]} & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1493 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1494 \text{ [MO, IT, IT]} & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1494 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1504 \text{ [IO, MT, MT]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1504 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1505 \text{ [IO, MT, OT]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1521 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1522 \text{ [OI, MT, MT]} \quad \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1522 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1523 \text{ [OI, MT, OT]} \quad \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1523 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1542 \text{ [MT, MT, IM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1542 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1545 \text{ [MT, OT, IM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1567 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1569 \text{ [MT, MT, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1569 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1570 \text{ [MT, OT, MO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1570 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1572 \text{ [MT, OT, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1572 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1573 \text{ [MT, IT, MO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1573 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1575 \text{ [MT, IT, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1575 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1576 \text{ [OT, MT, MO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1576 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1578 \text{ [OT, MT, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1578 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1579 \text{ [OT, OT, MO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1579 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1581 \text{ [OT, OT, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1581 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1582 \text{ [OT, IT, MO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1582 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1584 \text{ [OT, IT, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1584 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1585 \text{ [IT, MT, MO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1585 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1587 \text{ [IT, MT, IO]} \quad \Leftrightarrow [3.1 \quad 2.2 \quad 1.3 - 3.1 \quad 2.2 \quad 1.3 - 3.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1587 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1588 \text{ [IT, OT, MO]} \quad \Leftrightarrow [3.1 \quad 2.2 \quad 1.3 - 3.1 \quad 2.2 \quad 1.3 - 2.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1588 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \}$$

$$1590 \text{ [IT, OT, IO]} \quad \Leftrightarrow [3.1 \quad 2.2 \quad 1.3 - 3.1 \quad 2.2 \quad 1.3 - 3.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1590 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1591 \text{ [IT, IT, MO]} \quad \Leftrightarrow [3.1 \quad 2.2 \quad 1.3 - 3.1 \quad 2.2 \quad 1.3 - 2.1 \quad 2.2 \quad 1.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1591 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1593 \text{ [IT, IT, IO]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1593 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1594 \text{ [MT, MT, MI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1594 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1597 \text{ [MT, OT, MI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1597 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1600 \text{ [MT, IT, MI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1600 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

1603 [OT, MT, MI] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** **2.2** **1.3** – **3.1** 3.2 **1.3**]
 \Leftrightarrow [id1 α $\beta\alpha$ – id1 α $\beta\alpha$ – id1 α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1603 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

1606 [OT, OT, MI] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** **2.2** **1.3** – **3.1** 3.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1606 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

1609 [OT, IT, MI] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** **2.2** **1.3** – **3.1** 3.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1609 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

1612 [IT, MT, MI] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** **2.2** **1.3** – **3.1** 3.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1612 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, α, id1}

1615 [IT, OT, MI] ⇔ [3.1 2.2 1.3 – 3.1 2.2 1.3 – 3.1 3.2 1.3]
 ⇔ [α°β° id2 βα – α°β° id2 βα – α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1615 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, α, id1}

1618 [IT, IT, MI] ⇔ [3.1 2.2 1.3 – 3.1 2.2 1.3 – 3.1 3.2 1.3]
 ⇔ [α°β° id2 βα – α°β° id2 βα – α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1618 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, α, id1}

2.3. Trichotomische Triaden mit monadischem Durchschnitt

31 [MM, OM, MO] ⇔ [1.1 1.2 1.3 – 2.1 1.2 1.3 – 2.1 2.2 1.3]
 ⇔ [id1 α βα – α° α βα – α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \31 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

34 [MM, IM, MO] ⇔ [1.1 1.2 1.3 – 3.1 1.2 1.3 – 2.1 2.2 1.3]

$$\Leftrightarrow [\text{id1 } \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2 } \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 34 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$37 \quad [\text{OM, MM, MO}] \quad \Leftrightarrow [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 37 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$41 \quad [\text{OM, OM, OO}] \quad \Leftrightarrow [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 41 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \beta\alpha, \alpha, \text{id1} \}$$

$$43 \quad [\text{OM, IM, MO}] \quad \Leftrightarrow [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 43 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$46 \quad [\text{IM, MM, MO}] \quad \Leftrightarrow [3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \46 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

49 [IM, OM, MO] ⇔ [3.1 1.2 1.3 - 2.1 1.2 1.3 - 2.1 2.2 1.3]
⇔ [α°β° α βα - α° α βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \49 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

52 [IM, IM, MO] ⇔ [3.1 1.2 1.3 - 3.1 1.2 1.3 - 2.1 2.2 1.3]
⇔ [α°β° α βα - α°β° α βα - α° di2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \52 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

54 [IM, IM, IO] ⇔ [3.1 1.2 1.3 - 3.1 1.2 1.3 - 3.1 2.2 2.3]
⇔ [α°β° α βα - α°β° α βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \54 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

58 [MM, OM, MI] ⇔ [1.1 1.2 1.3 - 2.1 1.2 1.3 - 3.1 3.2 1.3]
⇔ [id1 α βα - α° α βα - α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \58 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

61 [MM, IM, MI] ⇔ [1.1 **1.2** **1.3 - 3.1** **1.2** **1.3 - 3.1** 3.2 **1.3**]
⇔ [id1 α β $\alpha - \alpha^\circ\beta^\circ$ α β $\alpha - \alpha^\circ\beta^\circ$ β° β α]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \61 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

64 [OM, MM, MI] ⇔ [2.1 **1.2** **1.3 - 1.1** **1.2** **1.3 - 3.1** 3.2 **1.3**]
⇔ [α° α β $\alpha - id1$ α β $\alpha - \alpha^\circ\beta^\circ$ β° β α]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \64 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

67 [OM, OM, MI] ⇔ [2.1 **1.2** **1.3 - 2.1** **1.2** **1.3 - 3.1** 3.2 **1.3**]
⇔ [α° α β $\alpha - \alpha^\circ$ α β $\alpha - \alpha^\circ\beta^\circ$ β° β α]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \67 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

70 [OM, IM, MI] ⇔ [2.1 **1.2** **1.3 - 3.1** **1.2** **1.3 - 3.1** 3.2 **1.3**]
⇔ [α° α β $\alpha - \alpha^\circ\beta^\circ$ α β $\alpha - \alpha^\circ\beta^\circ$ β° β α]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \70 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

73 [IM, MM, MI] ⇔ [3.1 1.2 1.3 - 1.1 1.2 1.3 - 3.1 3.2 1.3]
⇔ [α°β° α βα - id1 α βα - α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \73 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

76 [IM, OM, MI] ⇔ [3.1 1.2 1.3 - 2.1 1.2 1.3 - 3.1 3.2 1.3]
⇔ [α°β° α βα - α° βα - α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \76 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

80 [IM, IM, OI] ⇔ [3.1 1.2 1.3 - 3.1 1.2 1.3 - 3.1 3.2 2.3]
⇔ [α°β° α βα - α°β° α βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \80 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

81 [IM, IM, II] ⇔ [3.1 1.2 1.3 - 3.1 1.2 1.3 - 3.1 3.2 3.3]
⇔ [α°β° α βα - α°β° α βα - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 81 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$82 \quad [\text{MM}, \text{MO}, \text{MM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{1.1} & \mathbf{1.2} & \mathbf{1.3} - 2.1 & 2.2 & \mathbf{1.3} - \mathbf{1.1} & \mathbf{1.2} & \mathbf{1.3} \\ \text{id1} & \alpha & \beta\alpha - \alpha^\circ & \text{id2} & \beta\alpha - \text{id1} & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 82 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$83 \quad [\text{MM}, \text{MO}, \text{OM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{1.1} & \mathbf{1.2} & \mathbf{1.3} - \mathbf{2.1} & 2.2 & \mathbf{1.3} - \mathbf{2.1} & \mathbf{1.2} & \mathbf{1.3} \\ \text{id1} & \alpha & \beta\alpha - \alpha^\circ & \text{id2} & \beta\alpha - \alpha^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 83 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$84 \quad [\text{MM}, \text{MO}, \text{IM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{1.1} & \mathbf{1.2} & \mathbf{1.3} - \mathbf{2.1} & 2.2 & \mathbf{1.3} - \mathbf{3.1} & \mathbf{1.2} & \mathbf{1.3} \\ \text{id1} & \alpha & \beta\alpha - \alpha^\circ & \text{id2} & \beta\alpha - \alpha^\circ\beta^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 84 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$91 \quad [\text{OM}, \text{MO}, \text{MM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{1.2} & \mathbf{1.3} - \mathbf{2.1} & 2.2 & \mathbf{1.3} - \mathbf{1.1} & \mathbf{1.2} & \mathbf{1.3} \\ \alpha^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id2} & \beta\alpha - \text{id1} & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 91 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$93 \quad [\text{OM}, \text{MO}, \text{IM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{1.2} & \mathbf{1.3} - \mathbf{2.1} & 2.2 & \mathbf{1.3} - 3.1 & \mathbf{1.2} & \mathbf{1.3} \\ \alpha^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta\alpha - \alpha^\circ \beta^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 93 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$95 \quad [\text{OM}, \text{OO}, \text{OM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{1.2} & \mathbf{1.3} - \mathbf{2.1} & 2.2 & 2.3 - \mathbf{2.1} & \mathbf{1.2} & \mathbf{1.3} \\ \alpha^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta - \alpha^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 95 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \beta\alpha, \alpha, \text{id}_1 \}$$

$$100 \quad [\text{IM}, \text{MO}, \text{MM}] \quad \Leftrightarrow \quad \begin{bmatrix} 3.1 & \mathbf{1.2} & \mathbf{1.3} - 2.1 & 2.2 & \mathbf{1.3} - 1.1 & \mathbf{1.2} & \mathbf{1.3} \\ \alpha^\circ \beta^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta\alpha - \text{id}_1 & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 100 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$101 \quad [\text{IM}, \text{MO}, \text{OM}] \quad \Leftrightarrow \quad \begin{bmatrix} 3.1 & \mathbf{1.2} & \mathbf{1.3} - \mathbf{2.1} & 2.2 & \mathbf{1.3} - \mathbf{2.1} & \mathbf{1.2} & \mathbf{1.3} \\ \alpha^\circ \beta^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta\alpha - \alpha^\circ & \alpha & \beta\alpha \end{bmatrix}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 & & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & & 2.3 & \mathbf{2.2} & \mathbf{2.1} & & 2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 & & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 101 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
102 \quad [\text{IM}, \text{MO}, \text{IM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 & & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & & 2.3 & \mathbf{2.2} & \mathbf{2.1} & & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 & & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 102 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
108 \quad [\text{IM}, \text{IO}, \text{IM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & & 3.3 & 3.2 & \mathbf{3.1} & & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & & \mathbf{2.3} & \mathbf{2.2} & 2.1 & & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & & 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 108 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
109 \quad [\text{MM}, \text{MO}, \text{MO}] & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & 3.2 & 3.1 & & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & & 2.3 & \mathbf{2.2} & \mathbf{2.1} & & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & & \mathbf{1.3} & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 109 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
119 \quad [\text{OM}, \text{MO}, \text{OO}] & \Leftrightarrow [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 119 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \beta\alpha, \alpha, \text{id1} \}$$

$$121 \quad [\text{OM}, \text{OO}, \text{MO}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & 1.2 & \mathbf{1.3} - \mathbf{2.1} & \mathbf{2.2} & 2.3 - \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3} \\ \alpha^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id2} & \beta - \alpha^\circ & \text{id2} & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 121 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \beta\alpha, \alpha, \text{id1} \}$$

$$122 \quad [\text{OM}, \text{OO}, \text{OO}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & 1.2 & 1.3 - \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} \\ \alpha^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id2} & \beta - \alpha^\circ & \text{id2} & \beta \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 122 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \beta\alpha, \alpha, \text{id1} \}$$

$$127 \quad [\text{IM}, \text{MO}, \text{MO}] \quad \Leftrightarrow \quad \begin{bmatrix} 3.1 & 1.2 & \mathbf{1.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3} \\ \alpha^\circ \beta^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id2} & \beta\alpha - \alpha^\circ & \text{id2} & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 127 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$135 \quad [\text{IM}, \text{IO}, \text{IO}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 1.2 & 1.3 - \mathbf{3.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{3.1} & \mathbf{2.2} & \mathbf{2.3} \\ \alpha^\circ \beta^\circ & \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \text{id2} & \beta - \alpha^\circ \beta^\circ & \text{id2} & \beta \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \135 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

136 [MM, MO, MI] ⇔ [1.1 1.2 **1.3** - 2.1 2.2 **1.3** - 3.1 3.2 **1.3**]
⇔ [id1 α βα - α° id2 βα - α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \136 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

145 [OM, MO, MI] ⇔ [**2.1** 1.2 **1.3** - 2.1 2.2 **1.3** - 3.1 3.2 **1.3**]
⇔ [α° α βα - α° id2 βα - α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \145 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

154 [IM, MO, MI] ⇔ [**3.1** 1.2 **1.3** - 2.1 2.2 **1.3** - **3.1** 3.2 **1.3**]
⇔ [α°β° α βα - α° id2 βα - α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \154 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

160 [IM, IO, MI] ⇔ [**3.1** 1.2 **1.3** - **3.1** 2.2 2.3 - **3.1** 3.2 **1.3**]
⇔ [α°β° α βα - α°β° id2 β - α°β° β° βα]

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 160 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
161 \quad [\text{IM}, \text{IO}, \text{OI}] & \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 161 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
162 \quad [\text{IM}, \text{IO}, \text{II}] & \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 162 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
163 \quad [\text{MM}, \text{MI}, \text{MM}] & \Leftrightarrow [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 163 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
164 \quad [\text{MM}, \text{MI}, \text{OM}] & \Leftrightarrow [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 164 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

165 [MM, MI, IM] \Leftrightarrow [1.1 **1.2** **1.3 - 3.1** 3.2 **1.3 - 3.1** **1.2** **1.3**]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha - \alpha^\circ\beta^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 165 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

172 [OM, MI, MM] \Leftrightarrow [2.1 **1.2** **1.3 - 3.1** 3.2 **1.3 - 1.1** **1.2** **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha - \text{id}_1$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 172 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

173 [OM, MI, OM] \Leftrightarrow [2.1 **1.2** **1.3 - 3.1** 3.2 **1.3 - 2.1** **1.2** **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha - \alpha^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 173 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

174 [OM, MI, IM] \Leftrightarrow [2.1 **1.2** **1.3 - 3.1** 3.2 **1.3 - 3.1** **1.2** **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha - \alpha^\circ\beta^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \174 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

181 [IM, MI, MM] ⇔ [3.1 1.2 1.3 - 3.1 3.2 1.3 - 1.1 1.2 1.3]
⇔ [α°β° α βα - α°β° β° βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \181 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

182 [IM, MI, OM] ⇔ [3.1 1.2 1.3 - 3.1 3.2 1.3 - 2.1 1.2 1.3]
⇔ [α°β° α βα - α°β° β° βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \182 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

186 [IM, OI, IM] ⇔ [3.1 1.2 1.3 - 3.1 3.2 2.3 - 3.1 1.2 1.3]
⇔ [α°β° α βα - α°β° β° β - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \186 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

189 [IM, II, IM] ⇔ [3.1 1.2 1.3 - 3.1 3.2 3.3 - 3.1 1.2 1.3]
⇔ [α°β° α βα - α°β° β° id3 - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \189 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

190 [MM, MI, MO] ⇔ [1.1 1.2 **1.3** - 3.1 3.2 **1.3** - 2.1 2.2 **1.3**]
⇔ [id1 α βα - α°β° β° βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \190 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

199 [OM, MI, MO] ⇔ [**2.1** 1.2 **1.3** - 3.1 3.2 **1.3** - **2.1** 2.2 **1.3**]
⇔ [α° α βα - α°β° β° βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \199 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

208 [IM, MI, MO] ⇔ [**3.1** 1.2 **1.3** - **3.1** 3.2 **1.3** - 2.1 2.2 **1.3**]
⇔ [α°β° α βα - α°β° β° βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \208 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

210 [IM, MI, IO] ⇔ [**3.1** 1.2 **1.3** - **3.1** 3.2 **1.3** - **3.1** 2.2 2.3]
⇔ [α°β° α βα - α°β° β° βα - α°β° id2 β]

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 210 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
213 \quad [\text{IM}, \text{OI}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 213 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
216 \quad [\text{IM}, \text{II}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 216 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
217 \quad [\text{MM}, \text{MI}, \text{MI}] & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 217 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
226 \quad [\text{OM}, \text{MI}, \text{MI}] & \Leftrightarrow [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 226 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$236 \quad [\text{IM}, \text{MI}, \text{OI}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 1.2 & \mathbf{1.3} - \mathbf{3.1} & \mathbf{3.2} & \mathbf{1.3} - \mathbf{3.1} & \mathbf{3.2} & 2.3 \end{bmatrix} \\ \Leftrightarrow \quad \begin{bmatrix} [\alpha^\circ \beta^\circ \ \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \beta^\circ & \beta\alpha - \alpha^\circ \beta^\circ & \beta^\circ & \beta] \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 236 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$237 \quad [\text{IM}, \text{MI}, \text{II}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 1.2 & \mathbf{1.3} - \mathbf{3.1} & \mathbf{3.2} & \mathbf{1.3} - \mathbf{3.1} & \mathbf{3.2} & 3.3 \end{bmatrix} \\ \Leftrightarrow \quad \begin{bmatrix} [\alpha^\circ \beta^\circ \ \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \beta^\circ & \beta\alpha - \alpha^\circ \beta^\circ & \beta^\circ & \text{id}_3] \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 237 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$238 \quad [\text{IM}, \text{OI}, \text{MI}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 1.2 & \mathbf{1.3} - \mathbf{3.1} & \mathbf{3.2} & 2.3 - \mathbf{3.1} & \mathbf{3.2} & \mathbf{1.3} \end{bmatrix} \\ \Leftrightarrow \quad \begin{bmatrix} [\alpha^\circ \beta^\circ \ \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \beta^\circ & \beta - \alpha^\circ \beta^\circ & \beta^\circ & \beta\alpha] \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 238 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$239 \quad [\text{IM}, \text{OI}, \text{OI}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 1.2 & 1.3 - \mathbf{3.1} & \mathbf{3.2} & \mathbf{2.3} - \mathbf{3.1} & \mathbf{3.2} & \mathbf{2.3} \end{bmatrix} \\ \Leftrightarrow \quad \begin{bmatrix} [\alpha^\circ \beta^\circ \ \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \beta^\circ & \beta - \alpha^\circ \beta^\circ & \beta^\circ & \beta] \end{bmatrix}$$

$$\begin{array}{cccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 239 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
\langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$240 \quad [\text{IM}, \text{OI}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{cccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 240 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
\langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$241 \quad [\text{IM}, \text{II}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{cccccc}
3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 241 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
\langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$242 \quad [\text{IM}, \text{II}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{cccccc}
3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 242 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
\langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$243 \quad [\text{IM}, \text{II}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 243 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$244 \quad [\text{MO}, \text{MM}, \text{MM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 244 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$245 \quad [\text{MO}, \text{MM}, \text{OM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 245 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$246 \quad [\text{MO}, \text{MM}, \text{IM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 246 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$247 \quad [\text{MO}, \text{OM}, \text{MM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \247 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

249 [MO, OM, IM] ⇔ [2.1 2.2 1.3 - 2.1 1.2 1.3 - 3.1 1.2 1.3]
⇔ [α° id2 βα - α° α βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \249 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

250 [MO, IM, MM] ⇔ [2.1 2.2 1.3 - 3.1 1.2 1.3 - 1.1 1.2 1.3]
⇔ [α° id2 βα - α°β° α βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \250 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

251 [MO, IM, OM] ⇔ [2.1 2.2 1.3 - 3.1 1.2 1.3 - 2.1 1.2 1.3]
⇔ [α° id2 βα - α°β° α βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \251 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

252 [MO, IM, IM] ⇔ [2.1 2.2 1.3 - 3.1 1.2 1.3 - 3.1 1.2 1.3]
⇔ [α° id2 βα - α°β° α βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 252 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$257 \quad [\text{OO}, \text{OM}, \text{OM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - 2.1 \quad 1.2 \quad 1.3 - 2.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 257 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \beta\alpha, \alpha, \text{id1} \}$$

$$270 \quad [\text{IO}, \text{IM}, \text{IM}] \quad \Leftrightarrow \quad [3.1 \quad 2.2 \quad 2.3 - 3.1 \quad 1.2 \quad 1.3 - 3.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 270 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$271 \quad [\text{MO}, \text{MM}, \text{MO}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 1.3 - 1.1 \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 271 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$275 \quad [\text{MO}, \text{OM}, \text{OO}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 1.3 - 2.1 \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 275 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \beta\alpha, \alpha, \text{id}_1 \}$$

$$277 \quad [\text{MO}, \text{IM}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 277 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$283 \quad [\text{OO}, \text{OM}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 283 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \beta\alpha, \alpha, \text{id}_1 \}$$

$$284 \quad [\text{OO}, \text{OM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 284 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \beta\alpha, \alpha, \text{id}_1 \}$$

$$297 \quad [\text{IO}, \text{IM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 297 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$298 \quad [\text{MO}, \text{MM}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 298 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$301 \quad [\text{MO}, \text{OM}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 301 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$304 \quad [\text{MO}, \text{IM}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 304 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$322 \quad [\text{IO}, \text{IM}, \text{MI}] \quad \Leftrightarrow \quad [3.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 322 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$323 \quad [\text{IO}, \text{IM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 323 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$324 \quad [\text{IO}, \text{IM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 324 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$325 \quad [\text{MO}, \text{MO}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 325 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$327 \quad [\text{MO}, \text{MO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 3.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 327 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$329 \quad [\text{MO}, \text{OO}, \text{OM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{2.1} & \mathbf{1.2} & \mathbf{1.3} \\ \alpha^\circ & \text{id2} & \beta\alpha - \alpha^\circ & \text{id2} & \beta - \alpha^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 329 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \beta\alpha, \alpha, \text{id1} \}$$

$$335 \quad [\text{OO}, \text{MO}, \text{OM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3} - \mathbf{2.1} & \mathbf{1.2} & \mathbf{1.3} \\ \alpha^\circ & \text{id2} & \beta - \alpha^\circ & \text{id2} & \beta\alpha - \alpha^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 335 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \beta\alpha, \alpha, \text{id1} \}$$

$$338 \quad [\text{OO}, \text{OO}, \text{OM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{2.1} & \mathbf{1.2} & \mathbf{1.3} \\ \alpha^\circ & \text{id2} & \beta - \alpha^\circ & \text{id2} & \beta - \alpha^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 338 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \beta\alpha, \alpha, \text{id1} \}$$

$$351 \quad [\text{IO}, \text{IO}, \text{IM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{3.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{3.1} & \mathbf{1.2} & \mathbf{1.3} \\ \alpha^\circ \beta^\circ & \text{id2} & \beta - \alpha^\circ \beta^\circ & \text{id2} & \beta - \alpha^\circ \beta^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 351 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$354 \quad [\text{MO}, \text{MO}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 354 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$357 \quad [\text{MO}, \text{OO}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 357 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$358 \quad [\text{MO}, \text{IO}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 358 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$359 \quad [\text{MO}, \text{IO}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 359 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
360 \quad [\text{MO}, \text{IO}, \text{IO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 360 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
363 \quad [\text{OO}, \text{MO}, \text{IO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 1.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 363 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
367 \quad [\text{OO}, \text{IO}, \text{MO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 367 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
370 \quad [\text{IO}, \text{MO}, \text{MO}] & \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \370 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

371 [IO, MO, OO] ⇔ [3.1 **2.2** **2.3** - **2.1** **2.2** 1.3 - **2.1** **2.2** **2.3**]
⇔ [α°β° id2 β - α° id2 βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \371 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

372 [IO, MO, IO] ⇔ [**3.1** **2.2** **2.3** - **2.1** **2.2** 1.3 - **3.1** **2.2** **2.3**]
⇔ [α°β° id2 β - α° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \372 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

373 [IO, OO, MO] ⇔ [3.1 **2.2** **2.3** - **2.1** **2.2** **2.3** - **2.1** **2.2** 1.3]
⇔ [α°β° id2 β - α° id2 β - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \373 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

376 [IO, IO, MO] ⇔ [**3.1** **2.2** **2.3** - **3.1** **2.2** **2.3** - **2.1** **2.2** 1.3]
⇔ [α°β° id2 β - α°β° id2 β - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 376 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$379 \quad [\text{MO}, \text{MO}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 1.3 - 2.1 \quad 2.2 \quad 1.3 - 3.1 \quad 3.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 379 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$392 \quad [\text{OO}, \text{OO}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - 2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 392 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$395 \quad [\text{OO}, \text{IO}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 395 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$401 \quad [\text{IO}, \text{OO}, \text{OI}] \quad \Leftrightarrow \quad [3.1 \quad 2.2 \quad 2.3 - 2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 401 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$403 \quad [\text{IO}, \text{IO}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 403 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$405 \quad [\text{IO}, \text{IO}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 405 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$406 \quad [\text{MO}, \text{MI}, \text{MM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 406 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha, \alpha, \text{id1} \}$$

$$407 \quad [\text{MO}, \text{MI}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 407 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$408 \quad [\text{MO}, \text{MI}, \text{IM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 408 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$426 \quad [\text{IO}, \text{MI}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 426 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$429 \quad [\text{IO}, \text{OI}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 429 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$432 \quad [\text{IO}, \text{II}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & & 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\text{TrTr} \setminus 432 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
\langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$433 \quad [\text{MO}, \text{MI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & & 2.3 & 2.2 & 2.1 & & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 433 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
\langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$446 \quad [\text{OO}, \text{OI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & & \mathbf{2.3} & 2.2 & 2.1 & & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 446 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
\langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$453 \quad [\text{IO}, \text{MI}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & & 2.3 & 2.2 & 2.1 & & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 453 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
\langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$455 \quad [\text{IO}, \text{OI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 455 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$459 \quad [\text{IO}, \text{II}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 459 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$460 \quad [\text{MO}, \text{MI}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 460 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$473 \quad [\text{OO}, \text{OI}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 473 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$478 \quad [\text{IO}, \text{MI}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \478 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

479 [IO, MI, OI] ⇔ [**3.1** 2.2 **2.3** – **3.1** **3.2** 1.3 – **3.1** **3.2** **2.3**]
⇔ [α°β° id2 β – α°β° β° βα – α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \479 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

480 [IO, MI, II] ⇔ [**3.1** 2.2 2.3 – **3.1** **3.2** 1.3 – **3.1** **3.2** 3.3]
⇔ [α°β° id2 β – α°β° β° βα – α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \480 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

481 [IO, OI, MI] ⇔ [**3.1** 2.2 **2.3** – **3.1** **3.2** **2.3** – **3.1** **3.2** 1.3]
⇔ [α°β° id2 β – α°β° β° β – α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \481 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

483 [IO, OI, II] ⇔ [**3.1** 2.2 **2.3** – **3.1** **3.2** **2.3** – **3.1** **3.2** 3.3]
⇔ [α°β° id2 β – α°β° β° β – α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 483 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$484 \quad [\text{IO}, \text{II}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 484 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$485 \quad [\text{IO}, \text{II}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 485 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$486 \quad [\text{IO}, \text{II}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 486 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$487 \quad [\text{MI}, \text{MM}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \487 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

488 [MI, MM, OM] ⇔ [3.1 3.2 **1.3** - 1.1 **1.2** **1.3** - 2.1 **1.2** **1.3**]
⇔ [α°β° β° βα - id1 α βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \488 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

489 [MI, MM, IM] ⇔ [**3.1** 3.2 **1.3** - 1.1 **1.2** **1.3** - **3.1** **1.2** **1.3**]
⇔ [α°β° β° βα - id1 α βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \489 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

490 [MI, OM, MM] ⇔ [3.1 3.2 **1.3** - 2.1 **1.2** **1.3** - 1.1 **1.2** **1.3**]
⇔ [α°β° β° βα - α° α βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \490 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

491 [MI, OM, OM] ⇔ [3.1 3.2 **1.3** - **2.1** **1.2** **1.3** - **2.1** **1.2** **1.3**]
⇔ [α°β° β° βα - α° α βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \491 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

492 [MI, OM, IM] ⇔ [**3.1** 3.2 **1.3** - 2.1 **1.2** **1.3** - **3.1** **1.2** **1.3**]
⇔ [α°β° β° βα - α° α βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \492 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

493 [MI, IM, MM] ⇔ [**3.1** 3.2 **1.3** - **3.1** **1.2** **1.3** - 1.1 **1.2** **1.3**]
⇔ [α°β° β° βα - α°β° α βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \493 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

494 [MI, IM, OM] ⇔ [**3.1** 3.2 **1.3** - **3.1** **1.2** **1.3** - 2.1 **1.2** **1.3**]
⇔ [α°β° β° βα - α°β° α βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \494 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

504 [OI, IM, IM] ⇔ [**3.1** 3.2 2.3 - **3.1** **1.2** **1.3** - **3.1** **1.2** **1.3**]
⇔ [α°β° β° β - α°β° α βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \504 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

513 [II, IM, IM] ⇔ [**3.1** 3.2 3.3 - **3.1** 1.2 **1.3** - **3.1** 1.2 **1.3**]
⇔ [α°β° β° id3 - α°β° α βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \513 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

514 [MI, MM, MO] ⇔ [3.1 3.2 **1.3** - 1.1 1.2 **1.3** - 2.1 2.2 **1.3**]
⇔ [α°β° β° βα - id1 α βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \514 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

517 [MI, OM, MO] ⇔ [3.1 3.2 **1.3** - **2.1** 1.2 **1.3** - **2.1** 2.2 **1.3**]
⇔ [α°β° β° βα - α° α βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \517 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

520 [MI, IM, MO] ⇔ [**3.1** 3.2 **1.3** - **3.1** 1.2 **1.3** - 2.1 2.2 **1.3**]
⇔ [α°β° β° βα - α°β° α βα - α° id2 βα]

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 520 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
522 \quad [\text{MI}, \text{IM}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 522 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
531 \quad [\text{OI}, \text{IM}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 531 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
540 \quad [\text{II}, \text{IM}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 540 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
541 \quad [\text{MI}, \text{MM}, \text{MI}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 541 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$544 \quad [\text{MI}, \text{OM}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 544 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$548 \quad [\text{MI}, \text{IM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 548 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$549 \quad [\text{MI}, \text{IM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 549 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$556 \quad [\text{OI}, \text{IM}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 556 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$557 \quad [\text{OI}, \text{IM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 557 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$558 \quad [\text{OI}, \text{IM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 558 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$565 \quad [\text{II}, \text{IM}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 565 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$566 \quad [\text{II}, \text{IM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 566 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$567 \quad [\text{II}, \text{IM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 567 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$568 \quad [\text{MI}, \text{MO}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 568 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$569 \quad [\text{MI}, \text{MO}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 569 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$570 \quad [\text{MI}, \text{MO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 570 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$576 \quad [\text{MI}, \text{IO}, \text{IM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 3.2 & \mathbf{1.3} - \mathbf{3.1} & 2.2 & 2.3 - \mathbf{3.1} & 1.2 & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ] & \beta^\circ & \beta\alpha - \alpha^\circ \beta^\circ & \text{id2} & \beta - \alpha^\circ \beta^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 576 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$585 \quad [\text{OI}, \text{IO}, \text{IM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 3.2 & \mathbf{2.3} - \mathbf{3.1} & 2.2 & \mathbf{2.3} - \mathbf{3.1} & 1.2 & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ] & \beta^\circ & \beta - \alpha^\circ \beta^\circ & \text{id2} & \beta - \alpha^\circ \beta^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 585 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$594 \quad [\text{II}, \text{IO}, \text{IM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 3.2 & 3.3 - \mathbf{3.1} & 2.2 & 2.3 - \mathbf{3.1} & 1.2 & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ] & \beta^\circ & \text{id3} - \alpha^\circ \beta^\circ & \text{id2} & \beta - \alpha^\circ \beta^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 594 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$595 \quad [\text{MI}, \text{MO}, \text{MO}] \quad \Leftrightarrow \quad \begin{bmatrix} 3.1 & 3.2 & \mathbf{1.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ] & \beta^\circ & \beta\alpha - \alpha^\circ & \text{id2} & \beta\alpha - \alpha^\circ & \text{id2} & \beta\alpha \end{bmatrix}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 595 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
603 \quad [\text{MI}, \text{IO}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 603 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta \alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
609 \quad [\text{OI}, \text{OO}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 609 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \text{id2}, \alpha^\circ, \beta \alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
611 \quad [\text{OI}, \text{OI}, \text{OO}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 611 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \text{id2}, \alpha^\circ, \beta \alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
621 \quad [\text{II}, \text{IO}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 621 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$622 \quad [\text{MI}, \text{MO}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 622 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$628 \quad [\text{MI}, \text{IO}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 628 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$629 \quad [\text{MI}, \text{IO}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 629 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$630 \quad [\text{MI}, \text{IO}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 630 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$635 \quad [\text{OI}, \text{OO}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - 2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 635 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$637 \quad [\text{OI}, \text{IO}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 637 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$639 \quad [\text{OI}, \text{IO}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 639 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$646 \quad [\text{II}, \text{IO}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 646 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
647 \quad [\text{II}, \text{IO}, \text{OI}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 647 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
648 \quad [\text{II}, \text{IO}, \text{II}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}] \\
& \Leftrightarrow [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 648 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
649 \quad [\text{MI}, \text{MI}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 649 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
650 \quad [\text{MI}, \text{MI}, \text{OM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 650 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$654 \quad [\text{MI}, \text{OI}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 654 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$657 \quad [\text{MI}, \text{II}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 657 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$660 \quad [\text{OI}, \text{MI}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 660 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$663 \quad [\text{OI}, \text{OI}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 663 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$666 \quad [\text{OI}, \text{II}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 666 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$669 \quad [\text{II}, \text{MI}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 669 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$672 \quad [\text{II}, \text{OI}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 672 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$675 \quad [\text{II}, \text{II}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \675 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

676 [MI, MI, MO] ⇔ [**3.1** **3.2** **1.3 - 3.1** **3.2** **1.3 - 2.1** 2.2 **1.3**]
⇔ [α°β° β° βα - α°β° β° βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \676 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

678 [MI, MI, IO] ⇔ [**3.1** **3.2** **1.3 - 3.1** **3.2** **1.3 - 3.1** 2.2 2.3]
⇔ [α°β° β° βα - α°β° β° βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \678 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

681 [MI, OI, IO] ⇔ [**3.1** **3.2** **1.3 - 3.1** **3.2** **2.3 - 3.1** 2.2 **2.3**]
⇔ [α°β° β° βα - α°β° β° β - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \681 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

684 [MI, II, IO] ⇔ [**3.1** **3.2** **1.3 - 3.1** **3.2** **3.3 - 3.1** 2.2 2.3]
⇔ [α°β° β° βα - α°β° β° id3 - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \684 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β, id2, α°, βα, α, id1}

687 [OI, MI, IO] ⇔ [3.1 3.2 2.3 – 3.1 3.2 1.3 – 3.1 2.2 2.3]
⇔ [α°β° β° β – α°β° β° βα – α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \687 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

689 [OI, OI, OO] ⇔ [3.1 3.2 2.3 – 3.1 3.2 2.3 – 2.1 2.2 2.3]
⇔ [α°β° β° β – α°β° β° β – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \689 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, id2, α°, βα, α, id1}

693 [OI, II, IO] ⇔ [3.1 3.2 2.3 – 3.1 3.2 3.3 – 3.1 2.2 2.3]
⇔ [α°β° β° β – α°β° β° id3 – α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \693 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

696 [II, MI, IO] ⇔ [3.1 3.2 3.3 – 3.1 3.2 1.3 – 3.1 2.2 2.3]
⇔ [α°β° β° id3 – α°β° β° βα – α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 696 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$699 \quad [\text{II}, \text{OI}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 699 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$702 \quad [\text{II}, \text{II}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 702 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$730 \quad [\text{MM}, \text{MM}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 730 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$731 \quad [\text{MM}, \text{MM}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 731 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$732 \quad [\text{MM}, \text{MM}, \text{IT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 1.1 \quad 1.2 \quad 1.3 - 3.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 732 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$733 \quad [\text{MM}, \text{OM}, \text{MT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 2.1 \quad 1.2 \quad 1.3 - 3.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 733 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$734 \quad [\text{MM}, \text{OM}, \text{OT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 2.1 \quad 1.2 \quad 1.3 - 3.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 734 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$735 \quad [\text{MM}, \text{OM}, \text{IT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 2.1 \quad 1.2 \quad 1.3 - 3.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 735 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

736 [MM, IM, MT] \Leftrightarrow [1.1 **1.2** **1.3 - 3.1** **1.2** **1.3 - 3.1** 2.2 **1.3**]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 736 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

737 [MM, IM, OT] \Leftrightarrow [1.1 **1.2** **1.3 - 3.1** **1.2** **1.3 - 3.1** 2.2 **1.3**]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 737 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

738 [MM, IM, IT] \Leftrightarrow [1.1 **1.2** **1.3 - 3.1** **1.2** **1.3 - 3.1** 2.2 **1.3**]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 738 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$

739 [OM, MM, MT] \Leftrightarrow [2.1 **1.2** **1.3 - 1.1** **1.2** **1.3 - 3.1** 2.2 **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \text{id}_1$ α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \739 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

740 [OM, MM, OT] ⇔ [2.1 **1.2** **1.3** - 1.1 **1.2** **1.3** - 3.1 2.2 **1.3**]
⇔ [α° α βα - id1 α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \740 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

741 [OM, MM, IT] ⇔ [2.1 **1.2** **1.3** - 1.1 **1.2** **1.3** - 3.1 2.2 **1.3**]
⇔ [α° α βα - id1 α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \741 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

742 [OM, OM, MT] ⇔ [2.1 **1.2** **1.3** - 2.1 **1.2** **1.3** - 3.1 2.2 **1.3**]
⇔ [α° α βα - α° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \742 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

743 [OM, OM, OT] ⇔ [2.1 **1.2** **1.3** - 2.1 **1.2** **1.3** - 3.1 2.2 **1.3**]
⇔ [α° α βα - α° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \743 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

744 [OM, OM, IT] ⇔ [2.1 1.2 1.3 - 2.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α° α βα - α° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \744 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

745 [OM, IM, MT] ⇔ [2.1 1.2 1.3 - 3.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α° α βα - α°β° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \745 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

746 [OM, IM, OT] ⇔ [2.1 1.2 1.3 - 3.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α° α βα - α°β° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \746 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

747 [OM, IM, IT] ⇔ [2.1 1.2 1.3 - 3.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α° α βα - α°β° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 747 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$748 \quad [\text{IM}, \text{MM}, \text{MT}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & \mathbf{1.2} & \mathbf{1.3} - 1.1 & \mathbf{1.2} & \mathbf{1.3} - \mathbf{3.1} & 2.2 & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ] & \alpha & \beta\alpha - \text{id}_1 & \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 748 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$749 \quad [\text{IM}, \text{MM}, \text{OT}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & \mathbf{1.2} & \mathbf{1.3} - 1.1 & \mathbf{1.2} & \mathbf{1.3} - \mathbf{3.1} & 2.2 & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ] & \alpha & \beta\alpha - \text{id}_1 & \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 749 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$750 \quad [\text{IM}, \text{MM}, \text{IT}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & \mathbf{1.2} & \mathbf{1.3} - 1.1 & \mathbf{1.2} & \mathbf{1.3} - \mathbf{3.1} & 2.2 & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ] & \alpha & \beta\alpha - \text{id}_1 & \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 750 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$751 \quad [\text{IM}, \text{OM}, \text{MT}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & \mathbf{1.2} & \mathbf{1.3} - 2.1 & \mathbf{1.2} & \mathbf{1.3} - \mathbf{3.1} & 2.2 & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ] & \alpha & \beta\alpha - \alpha^\circ & \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \751 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

752 [IM, OM, OT] ⇔ [3.1 1.2 1.3 - 2.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° α βα - α° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \752 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

753 [IM, OM, IT] ⇔ [3.1 1.2 1.3 - 2.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° α βα - α° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \753 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

757 [MM, MO, MT] ⇔ [1.1 1.2 1.3 - 2.1 2.2 1.3 - 3.1 2.2 1.3]
⇔ [id1 α βα - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \757 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

758 [MM, MO, OT] ⇔ [1.1 1.2 1.3 - 2.1 2.2 1.3 - 3.1 2.2 1.3]
⇔ [id1 α βα - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \758 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

759 [MM, MO, IT] ⇔ [1.1 1.2 **1.3** - 2.1 **2.2** **1.3** - 3.1 **2.2** **1.3**]
⇔ [id1 α βα - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \759 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

766 [OM, MO, MT] ⇔ [**2.1** 1.2 **1.3** - 2.1 **2.2** **1.3** - 3.1 **2.2** **1.3**]
⇔ [α° α βα - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \766 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

767 [OM, MO, OT] ⇔ [**2.1** 1.2 **1.3** - 2.1 **2.2** **1.3** - 3.1 **2.2** **1.3**]
⇔ [α° α βα - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \767 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

768 [OM, MO, IT] ⇔ [**2.1** 1.2 **1.3** - 2.1 **2.2** **1.3** - 3.1 **2.2** **1.3**]
⇔ [α° α βα - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 768 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$775 \quad [\text{IM}, \text{MO}, \text{MT}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 1.2 & \mathbf{1.3} - 2.1 & \mathbf{2.2} & \mathbf{1.3} - \mathbf{3.1} & \mathbf{2.2} & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta\alpha - \alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 775 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$776 \quad [\text{IM}, \text{MO}, \text{OT}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 1.2 & \mathbf{1.3} - 2.1 & \mathbf{2.2} & \mathbf{1.3} - \mathbf{3.1} & \mathbf{2.2} & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta\alpha - \alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 776 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$777 \quad [\text{IM}, \text{MO}, \text{IT}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 1.2 & \mathbf{1.3} - 2.1 & \mathbf{2.2} & \mathbf{1.3} - \mathbf{3.1} & \mathbf{2.2} & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ & \alpha & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta\alpha - \alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 777 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$781 \quad [\text{IM}, \text{IO}, \text{MT}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{3.1} & 1.2 & \mathbf{1.3} - \mathbf{3.1} & \mathbf{2.2} & 2.3 - \mathbf{3.1} & \mathbf{2.2} & \mathbf{1.3} \\ [\alpha^\circ \beta^\circ & \alpha & \beta\alpha - \alpha^\circ \beta^\circ & \text{id}_2 & \beta - \alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha \end{bmatrix}$$

$$\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 781 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
\langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$782 \quad [\text{IM}, \text{IO}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 782 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
\langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \\
\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$783 \quad [\text{IM}, \text{IO}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 783 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
\langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$784 \quad [\text{MM}, \text{MI}, \text{MT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc}
3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}
\quad
\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 784 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
\langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
\{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$785 \quad [\text{MM}, \text{MI}, \text{OT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc}
3.3 & 3.2 & 3.1 \\
3.3 & \mathbf{3.2} & \mathbf{3.1} \\
3.3 & 3.2 & \mathbf{3.1}
\end{array}$$

2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \785 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

786 [MM, MI, IT] ⇔ [1.1 1.2 **1.3 – 3.1** 3.2 **1.3 – 3.1** 2.2 **1.3**]
⇔ [id1 α βα – α°β° β° βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 **3.2 3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \786 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

793 [OM, MI, MT] ⇔ [2.1 1.2 **1.3 – 3.1** 3.2 **1.3 – 3.1** 2.2 **1.3**]
⇔ [α° α βα – α°β° β° βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 **3.2 3.1** 3.3 3.2 **3.1**
2.3 2.2 **2.1** 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \793 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

794 [OM, MI, OT] ⇔ [2.1 1.2 **1.3 – 3.1** 3.2 **1.3 – 3.1** 2.2 **1.3**]
⇔ [α° α βα – α°β° β° βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 **3.2 3.1** 3.3 3.2 **3.1**
2.3 2.2 **2.1** 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \794 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

795 [OM, MI, IT] ⇔ [2.1 1.2 **1.3 – 3.1** 3.2 **1.3 – 3.1** 2.2 **1.3**]
⇔ [α° α βα – α°β° β° βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 **3.2 3.1** 3.3 3.2 **3.1**

2.3 2.2 **2.1** 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \795 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

805 [IM, OI, MT] ⇔ [3.1 1.2 **1.3 - 3.1** 3.2 2.3 - **3.1** 2.2 **1.3**]
⇔ [α°β° α βα - α°β° β° β - α°β° β° βα]

3.3 3.2 **3.1** 3.3 **3.2** **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 **2.3** 2.2 2.1 2.3 **2.2** 2.1
1.3 **1.2** 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \805 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

806 [IM, OI, OT] ⇔ [3.1 1.2 **1.3 - 3.1** 3.2 2.3 - **3.1** 2.2 **1.3**]
⇔ [α°β° α βα - α°β° β° β - α°β° id2 βα]

3.3 3.2 **3.1** 3.3 **3.2** **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 **2.3** 2.2 2.1 2.3 **2.2** 2.1
1.3 **1.2** 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \806 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

807 [IM, OI, IT] ⇔ [3.1 1.2 **1.3 - 3.1** 3.2 2.3 - **3.1** 2.2 **1.3**]
⇔ [α°β° α βα - α°β° β° β - α°β° id2 βα]

3.3 3.2 **3.1** 3.3 **3.2** **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 **2.3** 2.2 2.1 2.3 **2.2** 2.1
1.3 **1.2** 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \807 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

808 [IM, II, MT] ⇔ [3.1 1.2 **1.3 - 3.1** 3.2 3.3 - **3.1** 2.2 **1.3**]
⇔ [α°β° α βα - α°β° β° id3 - α°β° id2 βα]

3.3 3.2 **3.1** **3.3** **3.2** **3.1** 3.3 3.2 **3.1**

2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 **1.2** 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \808 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

810 [IM, II, IT] ⇔ [3.1 1.2 **1.3** - 3.1 3.2 3.3 - 3.1 2.2 **1.3]**
⇔ [α°β° α βα - α°β° β° id3 - α°β° id2 βα]

3.3 3.2 **3.1** **3.3** **3.2** **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 **1.2** 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \810 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

811 [MO, MM, MT] ⇔ [2.1 **2.2** **1.3** - 1.1 1.2 **1.3** - 3.1 **2.2** **1.3]**
⇔ [α° id2 βα - id1 α βα - α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 **3.1**
2.3 **2.2** **2.1** 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** **1.2** **1.1** **1.3** 1.2 1.1

TrTr \811 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

812 [MO, MM, OT] ⇔ [2.1 **2.2** **1.3** - 1.1 1.2 **1.3** - 3.1 **2.2** **1.3]**
⇔ [α° id2 βα - id1 α βα - α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 **3.1**
2.3 **2.2** **2.1** 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** **1.2** **1.1** **1.3** 1.2 1.1

TrTr \812 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

813 [MO, MM, IT] ⇔ [2.1 **2.2** **1.3** - 1.1 1.2 **1.3** - 3.1 **2.2** **1.3]**
⇔ [α° id2 βα - id1 α βα - α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 **3.1**

2.3 2.2 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \817 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

818 [MO, IM, OT] ⇔ [2.1 2.2 1.3 – 3.1 1.2 1.3 – 3.1 2.2 1.3]
⇔ [α° id2 βα – α°β° α βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1
2.3 2.2 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \818 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

819 [MO, IM, IT] ⇔ [2.1 2.2 1.3 – 3.1 1.2 1.3 – 3.1 2.2 1.3]
⇔ [α° id2 βα – α°β° α βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1
2.3 2.2 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \819 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

835 [IO, IM, MT] ⇔ [3.1 2.2 2.3 – 3.1 1.2 1.3 – 3.1 2.2 1.3]
⇔ [α°β° id2 β – α°β° α βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1
2.3 2.2 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \835 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

836 [IO, IM, OT] ⇔ [3.1 2.2 2.3 – 3.1 1.2 1.3 – 3.1 2.2 1.3]
⇔ [α°β° id2 β – α°β° α βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1

2.3 2.2 2.1 **2.3 2.2 2.1** **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** **1.3 1.2 1.1**

$\text{TrTr} \setminus 836 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

837 [IO, IM, IT] \Leftrightarrow **[3.1 2.2 2.3 - 3.1 1.2 1.3 - 3.1 2.2 1.3]**
 \Leftrightarrow $[\alpha^\circ\beta^\circ \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$

3.3 3.2 3.1 **3.3 3.2 3.1** **3.3 3.2 3.1**
2.3 2.2 2.1 **2.3 2.2 2.1** **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** **1.3 1.2 1.1**

$\text{TrTr} \setminus 837 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

841 [MO, OO, MT] \Leftrightarrow **[2.1 2.2 1.3 - 2.1 2.2 2.3 - 3.1 2.2 1.3]**
 \Leftrightarrow $[\alpha^\circ \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$

3.3 3.2 3.1 **3.3 3.2 3.1** **3.3 3.2 3.1**
2.3 2.2 2.1 **2.3 2.2 2.1** **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** **1.3 1.2 1.1**

$\text{TrTr} \setminus 841 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

842 [MO, OO, OT] \Leftrightarrow **[2.1 2.2 1.3 - 2.1 2.2 2.3 - 3.1 2.2 1.3]**
 \Leftrightarrow $[\alpha^\circ \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$

3.3 3.2 3.1 **3.3 3.2 3.1** **3.3 3.2 3.1**
2.3 2.2 2.1 **2.3 2.2 2.1** **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** **1.3 1.2 1.1**

$\text{TrTr} \setminus 842 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

843 [MO, OO, IT] \Leftrightarrow **[2.1 2.2 1.3 - 2.1 2.2 2.3 - 3.1 2.2 1.3]**
 \Leftrightarrow $[\alpha^\circ \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$

3.3 3.2 3.1 **3.3 3.2 3.1** **3.3 3.2 3.1**

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \843 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

844 [MO, IO, MT] ⇔ [2.1 **2.2** **1.3** - **3.1** **2.2** 2.3 - **3.1** **2.2** **1.3**]
⇔ [α° id2 βα - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \844 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

845 [MO, IO, OT] ⇔ [2.1 **2.2** **1.3** - **3.1** **2.2** 2.3 - **3.1** **2.2** **1.3**]
⇔ [α° id2 βα - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \845 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

846 [MO, IO, IT] ⇔ [2.1 **2.2** **1.3** - **3.1** **2.2** 2.3 - **3.1** **2.2** **1.3**]
⇔ [α° id2 βα - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \846 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

847 [OO, MO, MT] ⇔ [2.1 **2.2** 2.3 - **2.1** **2.2** **1.3** - **3.1** **2.2** **1.3**]
⇔ [α° id2 β - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
-----	-----	-----	-----	-----	-----	-----	-----	------------

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \847 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

848 [OO, MO, OT] ⇔ [2.1 2.2 2.3 - 2.1 2.2 1.3 - 3.1 2.2 1.3]
⇔ [α° id2 β - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \848 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

849 [OO, MO, IT] ⇔ [2.1 2.2 2.3 - 2.1 2.2 1.3 - 3.1 2.2 1.3]
⇔ [α° id2 β - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \849 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

850 [OO, OO, MT] ⇔ [2.1 2.2 2.3 - 2.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α° id2 β - α° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \850 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

851 [OO, OO, OT] ⇔ [2.1 2.2 2.3 - 2.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α° id2 β - α° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \851 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

852 [OO, OO, IT] ⇔ [2.1 2.2 2.3 - 2.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α° id2 β - α° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \852 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

853 [OO, IO, MT] ⇔ [2.1 2.2 2.3 - 3.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α° id2 β - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \853 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

854 [OO, IO, OT] ⇔ [2.1 2.2 2.3 - 3.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α° id2 β - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \854 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

855 [OO, IO, IT] ⇔ [2.1 2.2 2.3 - 3.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α° id2 β - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \855 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

856 [IO, MO, MT] ⇔ [**3.1** **2.2** 2.3 - 2.1 **2.2** **1.3** - **3.1** **2.2** **1.3**]
⇔ [α°β° id2 β - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \856 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

857 [IO, MO, OT] ⇔ [**3.1** **2.2** 2.3 - 2.1 **2.2** **1.3** - **3.1** **2.2** **1.3**]
⇔ [α°β° id2 β - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \857 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

858 [IO, MO, IT] ⇔ [**3.1** **2.2** 2.3 - 2.1 **2.2** **1.3** - **3.1** **2.2** **1.3**]
⇔ [α°β° id2 β - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \858 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

859 [IO, OO, MT] ⇔ [**3.1** **2.2** **2.3** - 2.1 **2.2** **2.3** - **3.1** **2.2** **1.3**]
⇔ [α°β° id2 β - α° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 859 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$860 \quad [\text{IO}, \text{OO}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{id}_2 \quad \beta - \alpha^\circ \quad \text{id}_2 \quad \beta - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 860 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$861 \quad [\text{IO}, \text{OO}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{id}_2 \quad \beta - \alpha^\circ \quad \text{id}_2 \quad \beta - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 861 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$865 \quad [\text{MO}, \text{MI}, \text{MT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 865 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$866 \quad [\text{MO}, \text{MI}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3 2.2 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \866 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

867 [MO, MI, IT] ⇔ [2.1 2.2 1.3 – 3.1 3.2 1.3 – 3.1 2.2 1.3]
⇔ [α° id2 βα – α°β° β° βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1
2.3 2.2 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \867 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

883 [IO, MI, MT] ⇔ [3.1 2.2 2.3 – 3.1 3.2 1.3 – 3.1 2.2 1.3]
⇔ [α°β° id2 β – α°β° β° βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1
2.3 2.2 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \883 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

884 [IO, MI, OT] ⇔ [3.1 2.2 2.3 – 3.1 3.2 1.3 – 3.1 2.2 1.3]
⇔ [α°β° id2 β – α°β° β° βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1
2.3 2.2 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \884 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

885 [IO, MI, IT] ⇔ [3.1 2.2 2.3 – 3.1 3.2 1.3 – 3.1 2.2 1.3]
⇔ [α°β° id2 β – α°β° β° βα – α°β° id2 βα]

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \885 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

886 [IO, OI, MT] ⇔ [3.1 2.2 2.3 – 3.1 3.2 2.3 – 3.1 2.2 1.3]
⇔ [α°β° id2 β – α°β° β° β – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \886 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

887 [IO, OI, OT] ⇔ [3.1 2.2 2.3 – 3.1 3.2 2.3 – 3.1 2.2 1.3]
⇔ [α°β° id2 β – α°β° β° β – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \887 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

888 [IO, OI, IT] ⇔ [3.1 2.2 2.3 – 3.1 3.2 2.3 – 3.1 2.2 1.3]
⇔ [α°β° id2 β – α°β° β° β – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \888 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

889 [IO, II, MT] ⇔ [3.1 2.2 2.3 – 3.1 3.2 3.3 – 3.1 2.2 1.3]
⇔ [α°β° id2 β – α°β° β° id3 – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
 1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \889 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>,
 <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
 {id3, β°, β, id2, α°, βα, α, id1}

890 [IO, II, OT] ⇔ [**3.1** **2.2** 2.3 – **3.1** 3.2 3.3 – **3.1** **2.2** 1.3]
 ⇔ [α°β° id2 β – α°β° β° id3 – α°β° id2 βα]

3.3 3.2 **3.1** **3.3** **3.2** **3.1** 3.3 3.2 **3.1**
2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
 1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \890 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
 {id3, β°, β, id2, α°, βα, α, id1}

891 [IO, II, IT] ⇔ [**3.1** **2.2** 2.3 – **3.1** 3.2 3.3 – **3.1** **2.2** 1.3]
 ⇔ [α°β° id2 β – α°β° β° id3 – α°β° id2 βα]

3.3 3.2 **3.1** **3.3** **3.2** **3.1** 3.3 3.2 **3.1**
2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
 1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \891 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
 {id3, β°, β, id2, α°, βα, α, id1}

892 [MI, MM, MT] ⇔ [**3.1** 3.2 **1.3** – 1.1 1.2 **1.3** – **3.1** 2.2 **1.3**]
 ⇔ [α°β° β° βα – id1 α βα – α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 3.1 3.3 3.2 **3.1**
 2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** **1.2** **1.1** **1.3** 1.2 1.1

TrTr \892 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
 {id3, β°, α°β°, β, id2, α°, α, id1}

893 [MI, MM, OT] ⇔ [**3.1** 3.2 **1.3** – 1.1 1.2 **1.3** – **3.1** 2.2 **1.3**]
 ⇔ [α°β° β° βα – id1 α βα – α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 3.1 3.3 3.2 **3.1**

2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** **1.2** **1.1** **1.3** 1.2 1.1

TrTr \893 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

894 [MI, MM, IT] ⇔ [3.1 3.2 **1.3** - 1.1 1.2 **1.3** - 3.1 2.2 **1.3**]
⇔ [α°β° β° βα - id1 α βα - α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 3.1 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** **1.2** **1.1** **1.3** 1.2 1.1

TrTr \894 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

895 [MI, OM, MT] ⇔ [3.1 3.2 **1.3** - 2.1 1.2 **1.3** - 3.1 2.2 **1.3**]
⇔ [α°β° β° βα - α° α βα - α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 3.1 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 2.2 **2.1** 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** **1.2** 1.1 **1.3** 1.2 1.1

TrTr \895 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

896 [MI, OM, OT] ⇔ [3.1 3.2 **1.3** - 2.1 1.2 **1.3** - 3.1 2.2 **1.3**]
⇔ [α°β° β° βα - α° α βα - α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 3.1 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 2.2 **2.1** 2.3 **2.2** 2.1
1.3 1.2 1.1 **1.3** **1.2** 1.1 **1.3** 1.2 1.1

TrTr \896 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

897 [MI, OM, IT] ⇔ [3.1 3.2 **1.3** - 2.1 1.2 **1.3** - 3.1 2.2 **1.3**]
⇔ [α°β° β° βα - α° α βα - α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 3.1 3.3 3.2 **3.1**

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \897 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

907 [OI, IM, MT] ⇔ [3.1 3.2 2.3 - 3.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° β° β - α°β° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \907 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

908 [OI, IM, OT] ⇔ [3.1 3.2 2.3 - 3.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° β° β - α°β° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \908 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

909 [OI, IM, IT] ⇔ [3.1 3.2 2.3 - 3.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° β° β - α°β° α βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \909 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

916 [II, IM, MT] ⇔ [3.1 3.2 3.3 - 3.1 1.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° β° id3 - α°β° α βα - α°β° id3 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 916 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$917 \quad [\text{II}, \text{IM}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 917 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$918 \quad [\text{II}, \text{IM}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 918 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$919 \quad [\text{MI}, \text{MO}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 919 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$920 \quad [\text{MI}, \text{MO}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \920 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

921 [MI, MO, IT] ⇔ [3.1 3.2 1.3 - 2.1 2.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° β° βα - α° id2 βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \921 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

925 [MI, IO, MT] ⇔ [3.1 3.2 1.3 - 3.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° βα - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \925 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

926 [MI, IO, OT] ⇔ [3.1 3.2 1.3 - 3.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° βα - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \926 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

927 [MI, IO, IT] ⇔ [3.1 3.2 1.3 - 3.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° βα - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3 2.2 2.1 **2.3** **2.2** 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \927 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

934 [OI, IO, MT] ⇔ [3.1 3.2 **2.3 - 3.1** **2.2** **2.3 - 3.1** **2.2** 1.3]
⇔ [α°β° β° β - α°β° id2 β - α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 **2.3** **2.2** 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \934 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

935 [OI, IO, OT] ⇔ [3.1 3.2 **2.3 - 3.1** **2.2** **2.3 - 3.1** **2.2** 1.3]
⇔ [α°β° β° β - α°β° id2 β - α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 **2.3** **2.2** 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \935 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

936 [OI, IO, IT] ⇔ [3.1 3.2 **2.3 - 3.1** **2.2** **2.3 - 3.1** **2.2** 1.3]
⇔ [α°β° β° β - α°β° id2 β - α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 **2.3** **2.2** 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \936 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

943 [II, IO, MT] ⇔ [3.1 3.2 **3.3 - 3.1** **2.2** **2.3 - 3.1** **2.2** 1.3]
⇔ [α°β° β° id3 - α°β° id2 β - α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \943 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

944 [II, IO, OT] ⇔ [3.1 3.2 3.3 - 3.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° id3 - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \944 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

945 [II, IO, IT] ⇔ [3.1 3.2 3.3 - 3.1 2.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° id3 - α°β° id2 β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \945 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

949 [MI, OI, MT] ⇔ [3.1 3.2 1.3 - 3.1 3.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° βα - α°β° β° β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \949 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

950 [MI, OI, OT] ⇔ [3.1 3.2 1.3 - 3.1 3.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° βα - α°β° β° β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3 2.2 2.1 **2.3** 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \950 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

951 [MI, OI, IT] ⇔ [3.1 3.2 1.3 – 3.1 3.2 2.3 – 3.1 2.2 1.3]
⇔ [α°β° β° βα – α°β° β° β – α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 **3.2** **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 **2.3** 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \951 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

952 [MI, II, MT] ⇔ [3.1 3.2 1.3 – 3.1 3.2 3.3 – 3.1 2.2 1.3]
⇔ [α°β° β° βα – α°β° β° id3 – α°β° id2 βα]

3.3 **3.2** **3.1** **3.3** **3.2** **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \952 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

953 [MI, II, OT] ⇔ [3.1 3.2 1.3 – 3.1 3.2 3.3 – 3.1 2.2 1.3]
⇔ [α°β° β° βα – α°β° β° id3 – α°β° id2 βα]

3.3 **3.2** **3.1** **3.3** **3.2** **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \953 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

954 [MI, II, IT] ⇔ [3.1 3.2 1.3 – 3.1 3.2 3.3 – 3.1 2.2 1.3]
⇔ [α°β° β° βα – α°β° β° id3 – α°β° id2 βα]

3.3 **3.2** **3.1** **3.3** **3.2** **3.1** 3.3 3.2 **3.1**

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \954 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

955 [OI, MI, MT] ⇔ [3.1 3.2 2.3 - 3.1 3.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° β° β - α°β° β° βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \955 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

956 [OI, MI, OT] ⇔ [3.1 3.2 2.3 - 3.1 3.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° β° β - α°β° β° βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \956 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

957 [OI, MI, IT] ⇔ [3.1 3.2 2.3 - 3.1 3.2 1.3 - 3.1 2.2 1.3]
⇔ [α°β° β° β - α°β° β° βα - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \957 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

958 [OI, OI, MT] ⇔ [3.1 3.2 2.3 - 3.1 3.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° β - α°β° β° β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 958 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$959 \quad [\text{OI}, \text{OI}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 959 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$960 \quad [\text{OI}, \text{OI}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 960 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$961 \quad [\text{OI}, \text{II}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 961 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$962 \quad [\text{OI}, \text{II}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
 1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \962 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
 {id3, β°, β, id2, α°, βα, α, id1}

963 [OI, II, IT] ⇔ [3.1 3.2 2.3 – 3.1 3.2 3.3 – 3.1 2.2 1.3]
 ⇔ [α°β° β° β – α°β° β° id3 – α°β° id2 βα]

3.3 **3.2** **3.1** **3.3** **3.2** **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
 1.3 1.2 1.1 1.3 1.2 1.1 **1.3** 1.2 1.1

TrTr \963 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
 {id3, β°, β, id2, α°, βα, α, id1}

964 [II, MI, MT] ⇔ [3.1 3.2 3.3 – 3.1 3.2 **1.3** – 3.1 2.2 **1.3]**
 ⇔ [α°β° β° id3 – α°β° β° βα – α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 **3.2** **3.1** 3.3 3.2 **3.1**
 2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
 1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \964 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
 {id3, β°, β, id2, α°, βα, α, id1}

965 [II, MI, OT] ⇔ [3.1 3.2 3.3 – 3.1 3.2 **1.3** – 3.1 2.2 **1.3]**
 ⇔ [α°β° β° id3 – α°β° β° βα – α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 **3.2** **3.1** 3.3 3.2 **3.1**
 2.3 2.2 2.1 2.3 2.2 2.1 2.3 **2.2** 2.1
 1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \965 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
 {id3, β°, β, id2, α°, βα, α, id1}

966 [II, MI, IT] ⇔ [3.1 3.2 3.3 – 3.1 3.2 **1.3** – 3.1 2.2 **1.3]**
 ⇔ [α°β° β° id3 – α°β° β° βα – α°β° id2 βα]

3.3 **3.2** **3.1** 3.3 **3.2** **3.1** 3.3 3.2 **3.1**

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \966 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

967 [II, OI, MT] ⇔ [3.1 3.2 3.3 - 3.1 3.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° id3 - α°β° β° β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \967 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

968 [II, OI, OT] ⇔ [3.1 3.2 3.3 - 3.1 3.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° id3 - α°β° β° β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \968 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

969 [II, OI, IT] ⇔ [3.1 3.2 3.3 - 3.1 3.2 2.3 - 3.1 2.2 1.3]
⇔ [α°β° β° id3 - α°β° β° β - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \969 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

970 [II, II, MT] ⇔ [3.1 3.2 3.3 - 3.1 3.2 3.3 - 3.1 2.2 1.3]
⇔ [α°β° β° id3 - α°β° β° id3 - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \970 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

971 [II, II, OT] ⇔ [3.1 3.2 3.3 - 3.1 3.2 3.3 - 3.1 2.2 1.3]
⇔ [α°β° β° id3 - α°β° β° id3 - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \971 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

972 [II, II, IT] ⇔ [3.1 3.2 3.3 - 3.1 3.2 3.3 - 3.1 2.2 1.3]
⇔ [α°β° β° id3 - α°β° β° id3 - α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \972 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

973 [MM, MT, MM] ⇔ [1.1 1.2 1.3 - 3.1 2.2 1.3 - 1.1 1.2 1.3]
⇔ [id1 α βα - α°β° id2 βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \973 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

974 [MM, MT, OM] ⇔ [1.1 1.2 1.3 - 3.1 2.2 1.3 - 2.1 1.2 1.3]
⇔ [id1 α βα - α°β° id2 βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

TrTr \974 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

975 [MM, MT, IM] ⇔ [1.1 **1.2 1.3 – 3.1** 2.2 **1.3 – 3.1 1.2 1.3]**
⇔ [id1 α βα – α°β° id2 βα – α°β° α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

TrTr \975 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

976 [MM, OT, MM] ⇔ [1.1 **1.2 1.3 – 3.1** 2.2 **1.3 – 1.1 1.2 1.3]**
⇔ [id1 α βα – α°β° id2 βα – id1 α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

TrTr \976 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

977 [MM, OT, OM] ⇔ [1.1 **1.2 1.3 – 3.1** 2.2 **1.3 – 2.1 1.2 1.3]**
⇔ [id1 α βα – α°β° id2 βα – α° α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

TrTr \977 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

978 [MM, OT, IM] ⇔ [1.1 **1.2 1.3 – 3.1** 2.2 **1.3 – 3.1 1.2 1.3]**
⇔ [id1 α βα – α°β° id2 βα – α°β° α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 **3.1**

2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

TrTr \978 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

979 [MM, IT, MM] ⇔ [1.1 1.2 1.3 - 3.1 2.2 1.3 - 1.1 1.2 1.3]
⇔ [id1 α βα - α°β° id2 βα - id1 α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

TrTr \979 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

980 [MM, IT, OM] ⇔ [1.1 1.2 1.3 - 3.1 2.2 1.3 - 2.1 1.2 1.3]
⇔ [id1 α βα - α°β° id2 βα - α° α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

TrTr \980 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

981 [MM, IT, IM] ⇔ [1.1 1.2 1.3 - 3.1 2.2 1.3 - 3.1 1.2 1.3]
⇔ [id1 α βα - α°β° id2 βα - α°β° α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

TrTr \981 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

982 [OM, MT, MM] ⇔ [2.1 1.2 1.3 - 3.1 2.2 1.3 - 1.1 1.2 1.3]
⇔ [α° α βα - α°β° id2 βα - id1 α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1

2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

TrTr \982 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

983 [OM, MT, OM] ⇔ [2.1 1.2 1.3 - 3.1 2.2 1.3 - 2.1 1.2 1.3]
⇔ [α° α βα - α°β° id2 βα - α° α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

TrTr \983 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

984 [OM, MT, IM] ⇔ [2.1 1.2 1.3 - 3.1 2.2 1.3 - 3.1 1.2 1.3]
⇔ [α° α βα - α°β° id2 βα - α°β° α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

TrTr \984 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

985 [OM, OT, MM] ⇔ [2.1 1.2 1.3 - 3.1 2.2 1.3 - 1.1 1.2 1.3]
⇔ [α° α βα - α°β° id2 βα - id1 α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

TrTr \985 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

986 [OM, OT, OM] ⇔ [2.1 1.2 1.3 - 3.1 2.2 1.3 - 2.1 1.2 1.3]
⇔ [α° α βα - α°β° id2 βα - α° α βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1

2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

TrTr \986 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

987 [OM, OT, IM] \Leftrightarrow [2.1 **1.2** **1.3 - 3.1** 2.2 **1.3 - 3.1** **1.2** **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ α $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

TrTr \987 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

988 [OM, IT, MM] \Leftrightarrow [2.1 **1.2** **1.3 - 3.1** 2.2 **1.3 - 1.1** **1.2** **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - id1$ α $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

TrTr \988 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

989 [OM, IT, OM] \Leftrightarrow [2.1 **1.2** **1.3 - 3.1** 2.2 **1.3 - 2.1** **1.2** **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ$ α $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

TrTr \989 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

990 [OM, IT, IM] \Leftrightarrow [2.1 **1.2** **1.3 - 3.1** 2.2 **1.3 - 3.1** **1.2** **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ α $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 **3.1**

2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

TrTr \990 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

991 [IM, MT, MM] ⇔ [3.1 1.2 1.3 - 3.1 2.2 1.3 - 1.1 1.2 1.3]
⇔ [α°β° α βα - α°β° id2 βα - id1 α βα]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

TrTr \991 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

992 [IM, MT, OM] ⇔ [3.1 1.2 1.3 - 3.1 2.2 1.3 - 2.1 1.2 1.3]
⇔ [α°β° α βα - α°β° id2 βα - α° α βα]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

TrTr \992 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

994 [IM, OT, MM] ⇔ [3.1 1.2 1.3 - 3.1 2.2 1.3 - 1.1 1.2 1.3]
⇔ [α°β° α βα - α°β° id2 βα - id1 α βα]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

TrTr \994 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

995 [IM, OT, OM] ⇔ [3.1 1.2 1.3 - 3.1 2.2 1.3 - 2.1 1.2 1.3]
⇔ [α°β° α βα - α°β° id2 βα - α° α βα]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1

2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

TrTr \995 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

997 [IM, IT, MM] \Leftrightarrow [**3.1** **1.2** **1.3** - **3.1** 2.2 **1.3** - 1.1 **1.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \text{id1}$ α $\beta\alpha$]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

TrTr \997 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

998 [IM, IT, OM] \Leftrightarrow [**3.1** **1.2** **1.3** - **3.1** 2.2 **1.3** - 2.1 **1.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ$ α $\beta\alpha$]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

TrTr \998 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

1000 [MM, MT, MO] \Leftrightarrow [1.1 1.2 **1.3** - 3.1 **2.2** **1.3** - 2.1 **2.2** **1.3**]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ$ id2 $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 **1.2** **1.1** **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1000 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

1003 [MM, OT, MO] \Leftrightarrow [1.1 1.2 **1.3** - 3.1 **2.2** **1.3** - 2.1 **2.2** **1.3**]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ$ id2 $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1

2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 **1.2** **1.1** **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1003 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1006 [MM, IT, MO] ⇔ [1.1 1.2 **1.3** - 3.1 **2.2** **1.3** - 2.1 **2.2** **1.3**]
⇔ [id1 α βα - α°β° id2 βα - α° id2 βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 **1.2** **1.1** **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1006 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1009 [OM, MT, MO] ⇔ [**2.1** 1.2 **1.3** - 3.1 **2.2** **1.3** - 2.1 **2.2** **1.3**]
⇔ [α° α βα - α°β° id2 βα - α° id2 βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1009 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1012 [OM, OT, MO] ⇔ [**2.1** 1.2 **1.3** - 3.1 **2.2** **1.3** - 2.1 **2.2** **1.3**]
⇔ [α° α βα - α°β° id2 βα - α° id2 βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1012 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1015 [OM, IT, MO] ⇔ [**2.1** 1.2 **1.3** - 3.1 **2.2** **1.3** - 2.1 **2.2** **1.3**]
⇔ [α° α βα - α°β° id2 βα - α° id2 βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1

2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1015 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1018 [IM, MT, MO] ⇔ [3.1 1.2 **1.3 - 3.1** **2.2** **1.3 - 2.1** **2.2** **1.3**]
⇔ [α°β° α βα - α°β° id2 βα - α° id2 βα]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1018 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1020 [IM, MT, IO] ⇔ [3.1 1.2 **1.3 - 3.1** **2.2** **1.3 - 3.1** **2.2** 2.3]
⇔ [α°β° α βα - α°β° id2 βα - α°β° id2 β]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 **2.3** **2.2** 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1020 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1021 [IM, OT, MO] ⇔ [3.1 1.2 **1.3 - 3.1** **2.2** **1.3 - 2.1** **2.2** **1.3**]
⇔ [α°β° α βα - α°β° id2 βα - α° id2 βα]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1021 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1023 [IM, OT, IO] ⇔ [3.1 1.2 **1.3 - 3.1** **2.2** **1.3 - 3.1** **2.2** 2.3]
⇔ [α°β° α βα - α°β° id2 βα - α°β° id2 β]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**

2.3 2.2 2.1 2.3 **2.2** 2.1 **2.3** **2.2** 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1023 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1024 [IM, IT, MO] ⇔ [3.1 1.2 **1.3 - 3.1** **2.2** **1.3 - 2.1** **2.2** **1.3**]
⇔ [α°β° α βα - α°β° id2 βα - α° id2 βα]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 **2.2** **2.1**
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1024 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1026 [IM, IT, IO] ⇔ [3.1 1.2 **1.3 - 3.1** **2.2** **1.3 - 3.1** **2.2** 2.3]
⇔ [α°β° α βα - α°β° id2 βα - α°β° id2 β]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 **2.3** **2.2** 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1026 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1027 [MM, MT, MI] ⇔ [1.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 **1.3**]
⇔ [id1 α βα - α°β° id2 βα - α°β° β° βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 **3.2** **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** **1.1** **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1027 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1030 [MM, OT, MI] ⇔ [1.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 **1.3**]
⇔ [id1 α βα - α°β° id2 βα - α°β° β° βα]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 **3.2** **3.1**

2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1030 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

1033 [MM, IT, MI] \Leftrightarrow [1.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 **1.3**]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 **3.2 3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1033 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

1036 [OM, MT, MI] \Leftrightarrow [2.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 **3.2 3.1**
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1036 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

1039 [OM, OT, MI] \Leftrightarrow [2.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 **3.2 3.1**
2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1039 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , α , id1}

1042 [OM, IT, MI] \Leftrightarrow [2.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 **1.3**]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 **3.2 3.1**

2.3 2.2 **2.1** 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 **1.3** 1.2 1.1

TrTr \1042 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, α, id1}

1046 [IM, MT, OI] ⇔ [3.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 2.3]
⇔ [α°β° α βα - α°β° id2 βα - α°β° β° β]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 **3.2** **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 **2.3** 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1046 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1047 [IM, MT, II] ⇔ [3.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 3.3]
⇔ [α°β° α βα - α°β° id2 βα - α°β° β° id3]

3.3 3.2 **3.1** 3.3 3.2 **3.1** **3.3** **3.2** **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1047 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1049 [IM, OT, OI] ⇔ [3.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 2.3]
⇔ [α°β° α βα - α°β° id2 βα - α°β° β° β]

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 **3.2** **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 **2.3** 2.2 2.1
1.3 **1.2** 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1049 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1050 [IM, OT, II] ⇔ [3.1 1.2 **1.3 - 3.1** 2.2 **1.3 - 3.1** 3.2 3.3]
⇔ [α°β° α βα - α°β° id2 βα - α°β° β° id3]

3.3 3.2 **3.1** 3.3 3.2 **3.1** **3.3** **3.2** **3.1**

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1050 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1052 [IM, IT, OI] ⇔ [3.1 1.2 1.3 - 3.1 2.2 1.3 - 3.1 3.2 2.3]
 ⇔ [α°β° α βα - α°β° id2 βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1052 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1053 [IM, IT, II] ⇔ [3.1 1.2 1.3 - 3.1 2.2 1.3 - 3.1 3.2 3.3]
 ⇔ [α°β° α βα - α°β° id2 βα - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1053 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1054 [MO, MT, MM] ⇔ [2.1 2.2 1.3 - 3.1 2.2 1.3 - 1.1 1.2 1.3]
 ⇔ [α° id2 βα - α°β° id2 βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1054 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1055 [MO, MT, OM] ⇔ [2.1 2.2 1.3 - 3.1 2.2 1.3 - 2.1 1.2 1.3]
 ⇔ [α° id2 βα - α°β° id2 βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1055 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1056 [MO, MT, IM] ⇔ [2.1 **2.2** **1.3** – **3.1** **2.2** **1.3** – **3.1** 1.2 **1.3**]
 ⇔ [α° id2 βα – α°β° id2 βα – α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1056 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1057 [MO, OT, MM] ⇔ [2.1 **2.2** **1.3** – 3.1 **2.2** **1.3** – 1.1 1.2 **1.3**]
 ⇔ [α° id2 βα – α°β° id2 βα – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1057 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1058 [MO, OT, OM] ⇔ [2.1 **2.2** **1.3** – 3.1 **2.2** **1.3** – 2.1 1.2 **1.3**]
 ⇔ [α° id2 βα – α°β° id2 βα – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1058 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1059 [MO, OT, IM] ⇔ [2.1 **2.2** **1.3** – **3.1** **2.2** **1.3** – **3.1** 1.2 **1.3**]
 ⇔ [α° id2 βα – α°β° id2 βα – α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1059 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1060 [MO, IT, MM] ⇔ [2.1 **2.2** **1.3** - 3.1 **2.2** **1.3** - 1.1 1.2 **1.3**]
 ⇔ [α° id2 βα - α°β° id2 βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1060 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1061 [MO, IT, OM] ⇔ [2.1 **2.2** **1.3** - 3.1 **2.2** **1.3** - 2.1 1.2 **1.3**]
 ⇔ [α° id2 βα - α°β° id2 βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1061 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1062 [MO, IT, IM] ⇔ [2.1 **2.2** **1.3** - 3.1 **2.2** **1.3** - 3.1 1.2 **1.3**]
 ⇔ [α° id2 βα - α°β° id2 βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1062 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1074 [IO, MT, IM] ⇔ [**3.1** **2.2** 2.3 - **3.1** **2.2** **1.3** - **3.1** 1.2 **1.3**]
 ⇔ [α°β° id2 β - α°β° id2 βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1074 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1077 [IO, OT, IM] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 3.1 1.2 1.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1077 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1080 [IO, IT, IM] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 3.1 1.2 1.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1080 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1082 [MO, MT, OO] ⇔ [2.1 2.2 1.3 - 3.1 2.2 1.3 - 2.1 2.2 2.3]
 ⇔ [α° id2 βα - α°β° id2 βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1082 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1083 [MO, MT, IO] ⇔ [2.1 2.2 1.3 - 3.1 2.2 1.3 - 3.1 2.2 2.3]
 ⇔ [α° id2 βα - α°β° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3 2.2 2.1 **2.3 2.2 2.1** **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** **1.3 1.2 1.1**

$$\text{TrTr} \setminus 1083 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$1085 \text{ [MO, OT, OO]} \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3 3.2 3.1 **3.3 3.2 3.1** **3.3 3.2 3.1**
2.3 2.2 2.1 **2.3 2.2 2.1** **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** **1.3 1.2 1.1**

$$\text{TrTr} \setminus 1085 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$1086 \text{ [MO, OT, IO]} \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta]$$

3.3 3.2 3.1 **3.3 3.2 3.1** **3.3 3.2 3.1**
2.3 2.2 2.1 **2.3 2.2 2.1** **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** **1.3 1.2 1.1**

$$\text{TrTr} \setminus 1086 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.1, 1.2 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$1088 \text{ [MO, IT, OO]} \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3 3.2 3.1 **3.3 3.2 3.1** **3.3 3.2 3.1**
2.3 2.2 2.1 **2.3 2.2 2.1** **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** **1.3 1.2 1.1**

$$\text{TrTr} \setminus 1088 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$1089 \text{ [MO, IT, IO]} \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta]$$

3.3 3.2 3.1 **3.3 3.2 3.1** **3.3 3.2 3.1**

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1089 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1090 [OO, MT, MO] ⇔ [2.1 2.2 2.3 - 3.1 2.2 1.3 - 2.1 2.2 1.3]
⇔ [α° id2 β - α°β° id2 βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1090 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1091 [OO, MT, OO] ⇔ [2.1 2.2 2.3 - 3.1 2.2 1.3 - 2.1 2.2 2.3]
⇔ [α° id2 β - α°β° id2 βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1091 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1092 [OO, MT, IO] ⇔ [2.1 2.2 2.3 - 3.1 2.2 1.3 - 3.1 2.2 2.3]
⇔ [α° id2 β - α°β° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1092 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1093 [OO, OT, MO] ⇔ [2.1 2.2 2.3 - 3.1 2.2 1.3 - 2.1 2.2 1.3]
⇔ [α° id2 β - α°β° id2 βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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$$\begin{array}{ccccccc} \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1093 &= \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \} \end{aligned}$$

$$\begin{aligned} 1094 \text{ [OO, OT, OO]} &\Leftrightarrow [\mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - 3.1 & \mathbf{2.2} & 1.3 - \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3}] \\ &\Leftrightarrow [\alpha^\circ & \text{id}_2 & \beta & -\alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta] \end{aligned}$$

$$\begin{array}{ccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1094 &= \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \} \end{aligned}$$

$$\begin{aligned} 1095 \text{ [OO, OT, IO]} &\Leftrightarrow [\mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{3.1} & \mathbf{2.2} & 1.3 - \mathbf{3.1} & \mathbf{2.2} & \mathbf{2.3}] \\ &\Leftrightarrow [\alpha^\circ & \text{id}_2 & \beta & -\alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha - \alpha^\circ \beta^\circ & \text{id}_2 & \beta] \end{aligned}$$

$$\begin{array}{ccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1095 &= \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \} \end{aligned}$$

$$\begin{aligned} 1096 \text{ [OO, IT, MO]} &\Leftrightarrow [\mathbf{2.1} & \mathbf{2.2} & 2.3 - 3.1 & \mathbf{2.2} & \mathbf{1.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3}] \\ &\Leftrightarrow [\alpha^\circ & \text{id}_2 & \beta & -\alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1096 &= \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \} \end{aligned}$$

$$\begin{aligned} 1097 \text{ [OO, IT, OO]} &\Leftrightarrow [\mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - 3.1 & \mathbf{2.2} & 1.3 - \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3}] \\ &\Leftrightarrow [\alpha^\circ & \text{id}_2 & \beta & -\alpha^\circ \beta^\circ & \text{id}_2 & \beta\alpha - \alpha^\circ & \text{id}_2 & \beta] \end{aligned}$$

$$\begin{array}{ccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \end{array}$$

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1097 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1098 [OO, IT, IO] ⇔ [2.1 **2.2** **2.3** - **3.1** **2.2** 1.3 - **3.1** **2.2** **2.3**]
 ⇔ [α° id2 β - α°β° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1098 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1099 [IO, MT, MO] ⇔ [**3.1** **2.2** 2.3 - **3.1** **2.2** **1.3** - 2.1 **2.2** **1.3**]
 ⇔ [α°β° id2 β - α°β° id2 βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1099 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1100 [IO, MT, OO] ⇔ [**3.1** **2.2** **2.3** - **3.1** **2.2** 1.3 - 2.1 **2.2** **2.3**]
 ⇔ [α°β° id2 β - α°β° id2 βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1100 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1102 [IO, OT, MO] ⇔ [**3.1** **2.2** 2.3 - **3.1** **2.2** **1.3** - 2.1 **2.2** **1.3**]
 ⇔ [α°β° id2 β - α°β° id2 βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1102 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1103 [IO, OT, OO] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 2.1 2.2 2.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1103 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1104 [IO, OT, IO] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 3.1 2.2 2.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1104 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1105 [IO, IT, MO] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 2.1 2.2 1.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1105 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1106 [IO, IT, OO] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 2.1 2.2 2.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1106 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, α°, βα, α, id1}

1108 [MO, MT, MI] ⇔ [2.1 **2.2** **1.3 – 3.1** **2.2** **1.3 – 3.1** 3.2 **1.3**]
 ⇔ [α° id2 βα – α°β° id2 βα – α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1108 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1111 [MO, OT, MI] ⇔ [2.1 **2.2** **1.3 – 3.1** **2.2** **1.3 – 3.1** 3.2 **1.3**]
 ⇔ [α° id2 βα – α°β° id2 βα – α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1111 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1114 [MO, IT, MI] ⇔ [2.1 **2.2** **1.3 – 3.1** **2.2** **1.3 – 3.1** 3.2 **1.3**]
 ⇔ [α° id2 βα – α°β° id2 βα – α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1114 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1126 [IO, MT, MI] ⇔ [**3.1** **2.2** 2.3 – **3.1** **2.2** **1.3 – 3.1** 3.2 **1.3**]
 ⇔ [α°β° id2 β – α°β° id2 βα – α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1126 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1127 [IO, MT, OI] ⇔ [3.1 2.2 2.3 – 3.1 2.2 1.3 – 3.1 3.2 2.3]
 ⇔ [α°β° id2 β – α°β° id2 βα – α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1127 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1128 [IO, MT, II] ⇔ [3.1 2.2 2.3 – 3.1 2.2 1.3 – 3.1 3.2 3.3]
 ⇔ [α°β° id2 β – α°β° id2 βα – α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1128 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1129 [IO, OT, MI] ⇔ [3.1 2.2 2.3 – 3.1 2.2 1.3 – 3.1 3.2 1.3]
 ⇔ [α°β° id2 β – α°β° id2 βα – α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1129 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1130 [IO, OT, OI] ⇔ [3.1 2.2 2.3 – 3.1 2.2 1.3 – 3.1 3.2 2.3]
 ⇔ [α°β° id2 β – α°β° id2 βα – α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1130 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1131 [IO, OT, II] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 3.1 3.2 3.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1131 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1132 [IO, IT, MI] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 3.1 3.2 1.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1132 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1133 [IO, IT, OI] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 3.1 3.2 2.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1133 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1134 [IO, IT, II] ⇔ [3.1 2.2 2.3 - 3.1 2.2 1.3 - 3.1 3.2 3.3]
 ⇔ [α°β° id2 β - α°β° id2 βα - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1134 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1135 [MI, MT, MM] ⇔ [3.1 3.2 **1.3 - 3.1** 2.2 **1.3 - 1.1** 1.2 **1.3**]
 ⇔ [α°β° β° βα - α°β° id2 βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1135 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1136 [MI, MT, OM] ⇔ [3.1 3.2 **1.3 - 3.1** 2.2 **1.3 - 2.1** 1.2 **1.3**]
 ⇔ [α°β° β° βα - α°β° id2 βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1136 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1138 [MI, OT, MM] ⇔ [3.1 3.2 **1.3 - 3.1** 2.2 **1.3 - 1.1** 1.2 **1.3**]
 ⇔ [α°β° β° βα - α°β° id2 βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1138 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1139 [MI, OT, OM] ⇔ [3.1 3.2 **1.3 - 3.1** 2.2 **1.3 - 2.1** 1.2 **1.3**]
 ⇔ [α°β° β° βα - α°β° id2 βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1139 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1141 [MI, IT, MM]	⇔	[3.1	3.2	1.3 – 3.1	2.2	1.3 – 1.1	1.2	1.3]
	⇔	[α°β°	β°	βα – α°β°	id2	βα – id1	α	βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1141 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1142 [MI, IT, OM]	⇔	[3.1	3.2	1.3 – 3.1	2.2	1.3 – 2.1	1.2	1.3]
	⇔	[α°β°	β°	βα – α°β°	id2	βα – α°	α	βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1142 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1145 [OI, MT, OM]	⇔	[3.1	3.2	2.3 – 3.1	2.2	1.3 – 2.1	1.2	1.3]
	⇔	[α°β°	β°	β – α°β°	id2	βα – α°	α	βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1145 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1146 [OI, MT, IM]	⇔	[3.1	3.2	2.3 – 3.1	2.2	1.3 – 3.1	1.2	1.3]
	⇔	[α°β°	β°	β – α°β°	id2	βα – α°β°	α	βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1146 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1149 [OI, OT, IM] ⇔ [3.1 3.2 2.3 – 3.1 2.2 1.3 – 3.1 1.2 1.3]
 ⇔ [α°β° β° β – α°β° id2 βα – α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1149 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1152 [OI, IT, IM] ⇔ [3.1 3.2 2.3 – 3.1 2.2 1.3 – 3.1 1.2 1.3]
 ⇔ [α°β° β° β – α°β° id2 βα – α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1152 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1155 [II, MT, IM] ⇔ [3.1 3.2 3.3 – 3.1 2.2 1.3 – 3.1 1.2 1.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1155 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1158 [II, OT, IM] ⇔ [3.1 3.2 3.3 – 3.1 2.2 1.3 – 3.1 1.2 1.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1158 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1161 [II, IT, IM] ⇔ [3.1 3.2 3.3 - 3.1 2.2 1.3 - 3.1 1.2 1.3]
 ⇔ [α°β° β° id3 - α°β° id2 βα - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1161 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1162 [MI, MT, MO] ⇔ [3.1 3.2 1.3 - 3.1 2.2 1.3 - 2.1 2.2 1.3]
 ⇔ [α°β° β° βα - α°β° id2 βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1162 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1164 [MI, MT, IO] ⇔ [3.1 3.2 1.3 - 3.1 2.2 1.3 - 3.1 2.2 2.3]
 ⇔ [α°β° β° βα - α°β° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1164 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1165 [MI, OT, MO] ⇔ [3.1 3.2 1.3 - 3.1 2.2 1.3 - 2.1 2.2 1.3]
 ⇔ [α°β° β° βα - α°β° id2 βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1165 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1167 [MI, OT, IO] ⇔ [3.1 3.2 1.3 - 3.1 2.2 1.3 - 3.1 2.2 2.3]
 ⇔ [α°β° β° βα - α°β° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1167 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1168 [MI, IT, MO] ⇔ [3.1 3.2 1.3 - 3.1 2.2 1.3 - 2.1 2.2 1.3]
 ⇔ [α°β° β° βα - α°β° id2 βα - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1168 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, α, id1}

1170 [MI, IT, IO] ⇔ [3.1 3.2 1.3 - 3.1 2.2 1.3 - 3.1 2.2 2.3]
 ⇔ [α°β° β° βα - α°β° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1170 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1173 [OI, MT, IO] ⇔ [3.1 3.2 2.3 - 3.1 2.2 1.3 - 3.1 2.2 2.3]
 ⇔ [α°β° β° β - α°β° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1173 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1176 [OI, OT, IO] ⇔ [3.1 3.2 2.3 – 3.1 2.2 1.3 – 3.1 2.2 2.3]
 ⇔ [α°β° β° β – α°β° id2 βα – α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1176 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1179 [OI, IT, IO] ⇔ [3.1 3.2 2.3 – 3.1 2.2 1.3 – 3.1 2.2 2.3]
 ⇔ [α°β° β° β – α°β° id2 βα – α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1179 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1182 [II, MT, IO] ⇔ [3.1 3.2 3.3 – 3.1 2.2 1.3 – 3.1 2.2 2.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1182 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1185 [II, OT, IO] ⇔ [3.1 3.2 3.3 – 3.1 2.2 1.3 – 3.1 2.2 2.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1185 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1188 [II, IT, IO] ⇔ [3.1 3.2 3.3 – 3.1 **2.2** 1.3 – 3.1 **2.2** 2.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1188 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1190 [MI, MT, OI] ⇔ [3.1 3.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** **3.2** 2.3]
 ⇔ [α°β° β° βα – α°β° id2 βα – α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1190 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1191 [MI, MT, II] ⇔ [3.1 3.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** **3.2** 3.3]
 ⇔ [α°β° β° βα – α°β° id2 βα – α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1191 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1193 [MI, OT, OI] ⇔ [3.1 3.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** **3.2** 2.3]
 ⇔ [α°β° β° βα – α°β° id2 βα – α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3 2.2 2.1 2.3 **2.2** 2.1 **2.3** 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1193 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1194 [MI, OT, II] ⇔ [3.1 3.2 1.3 – 3.1 2.2 1.3 – 3.1 3.2 3.3]
⇔ [α°β° β° βα – α°β° id2 βα – α°β° β° id3]

3.3 **3.2** **3.1** 3.3 3.2 **3.1** **3.3** **3.2** **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1194 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1196 [MI, IT, OI] ⇔ [3.1 3.2 1.3 – 3.1 2.2 1.3 – 3.1 3.2 2.3]
⇔ [α°β° β° βα – α°β° id2 βα – α°β° β° β]

3.3 **3.2** **3.1** 3.3 3.2 **3.1** 3.3 **3.2** **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 **2.3** 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1196 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1197 [MI, IT, II] ⇔ [3.1 3.2 1.3 – 3.1 2.2 1.3 – 3.1 3.2 3.3]
⇔ [α°β° β° βα – α°β° id2 βα – α°β° β° id3]

3.3 **3.2** **3.1** 3.3 3.2 **3.1** **3.3** **3.2** **3.1**
2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

TrTr \1197 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, β, id2, α°, βα, α, id1}

1198 [OI, MT, MI] ⇔ [3.1 3.2 2.3 – 3.1 2.2 1.3 – 3.1 3.2 1.3]
⇔ [α°β° β° β – α°β° id2 βα – α°β° β° βα]

3.3 **3.2** **3.1** 3.3 3.2 **3.1** 3.3 **3.2** **3.1**

2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1198 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1199 [OI, MT, OI] ⇔ [3.1 3.2 2.3 - 3.1 2.2 1.3 - 3.1 3.2 2.3]
 ⇔ [α°β° β° β - α°β° id2 βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1199 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1200 [OI, MT, II] ⇔ [3.1 3.2 2.3 - 3.1 2.2 1.3 - 3.1 3.2 3.3]
 ⇔ [α°β° β° β - α°β° id2 βα - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1200 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1201 [OI, OT, MI] ⇔ [3.1 3.2 2.3 - 3.1 2.2 1.3 - 3.1 3.2 1.3]
 ⇔ [α°β° β° β - α°β° id2 βα - α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1201 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, β, id2, α°, βα, α, id1}

1202 [OI, OT, OI] ⇔ [3.1 3.2 2.3 - 3.1 2.2 1.3 - 3.1 3.2 2.3]
 ⇔ [α°β° β° β - α°β° id2 βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1		2.3	2.2	2.1		2.3	2.2	2.1
1.3	1.2	1.1		1.3	1.2	1.1		1.3	1.2	1.1

$\text{TrTr} \setminus 1202 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1203 [OI, OT, II] \Leftrightarrow [**3.1** **3.2** 2.3 – **3.1** 2.2 1.3 – **3.1** **3.2** 3.3]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° β – $\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ β° id3]

	3.3	3.2	3.1		3.3	3.2	3.1		3.3	3.2	3.1
2.3	2.2	2.1		2.3	2.2	2.1		2.3	2.2	2.1	
1.3	1.2	1.1		1.3	1.2	1.1		1.3	1.2	1.1	

$\text{TrTr} \setminus 1203 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1204 [OI, IT, MI] \Leftrightarrow [**3.1** **3.2** 2.3 – **3.1** 2.2 **1.3** – **3.1** **3.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° β – $\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ β° $\beta\alpha$]

	3.3	3.2	3.1		3.3	3.2	3.1		3.3	3.2	3.1
2.3	2.2	2.1		2.3	2.2	2.1		2.3	2.2	2.1	
1.3	1.2	1.1		1.3	1.2	1.1		1.3	1.2	1.1	

$\text{TrTr} \setminus 1204 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1205 [OI, IT, OI] \Leftrightarrow [**3.1** **3.2** **2.3** – **3.1** 2.2 1.3 – **3.1** **3.2** **2.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° β – $\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ β° β]

	3.3	3.2	3.1		3.3	3.2	3.1		3.3	3.2	3.1
2.3	2.2	2.1		2.3	2.2	2.1		2.3	2.2	2.1	
1.3	1.2	1.1		1.3	1.2	1.1		1.3	1.2	1.1	

$\text{TrTr} \setminus 1205 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1206 [OI, IT, II] \Leftrightarrow [**3.1** **3.2** 2.3 – **3.1** 2.2 1.3 – **3.1** **3.2** 3.3]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° β – $\alpha^\circ\beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ\beta^\circ$ β° id3]

	3.3	3.2	3.1		3.3	3.2	3.1		3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1206 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1207 [II, MT, MI] \Leftrightarrow [**3.1** **3.2** **3.3 - 3.1** 2.2 **1.3 - 3.1** **3.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° $\text{id3} - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1207 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1208 [II, MT, OI] \Leftrightarrow [**3.1** **3.2** **3.3 - 3.1** 2.2 **1.3 - 3.1** **3.2** **2.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° $\text{id3} - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1208 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1209 [II, MT, II] \Leftrightarrow [**3.1** **3.2** **3.3 - 3.1** 2.2 **1.3 - 3.1** **3.2** **3.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° $\text{id3} - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1209 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1210 [II, OT, MI] \Leftrightarrow [**3.1** **3.2** **3.3 - 3.1** 2.2 **1.3 - 3.1** **3.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° $\text{id3} - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1210 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1211 [II, OT, OI] \Leftrightarrow [**3.1** **3.2** **3.3 - 3.1** 2.2 1.3 - **3.1** **3.2** 2.3]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° $\text{id3} - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1211 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1212 [II, OT, II] \Leftrightarrow [**3.1** **3.2** **3.3 - 3.1** 2.2 1.3 - **3.1** **3.2** **3.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° $\text{id3} - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1212 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1213 [II, IT, MI] \Leftrightarrow [**3.1** **3.2** **3.3 - 3.1** 2.2 **1.3 - 3.1** **3.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° $\text{id3} - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1213 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1214 [II, IT, OI] \Leftrightarrow [**3.1** **3.2** **3.3 - 3.1** 2.2 1.3 - **3.1** **3.2** 2.3]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° $\text{id3} - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1214 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1215 [II, IT, II] \Leftrightarrow [3.1 3.2 3.3 - 3.1 2.2 1.3 - 3.1 3.2 3.3]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ β° $\text{id3} - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1215 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1216 [MT, MM, MM] \Leftrightarrow [3.1 2.2 1.3 - 1.1 1.2 1.3 - 1.1 1.2 1.3]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ id2 $\beta\alpha - \text{id1}$ α $\beta\alpha - \text{id1}$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1216 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$

1217 [MT, MM, OM] \Leftrightarrow [3.1 2.2 1.3 - 1.1 1.2 1.3 - 2.1 1.2 1.3]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ id2 $\beta\alpha - \text{id1}$ α $\beta\alpha - \alpha^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1217 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$

1218 [MT, MM, IM] \Leftrightarrow [3.1 2.2 1.3 - 1.1 1.2 1.3 - 3.1 1.2 1.3]
 \Leftrightarrow [$\alpha^\circ\beta^\circ$ id2 $\beta\alpha - \text{id1}$ α $\beta\alpha - \alpha^\circ\beta^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
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2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1218 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$1219 \text{ [MT, OM, MM]} \Leftrightarrow [3.1 \ 2.2 \ \mathbf{1.3-2.1} \ \mathbf{1.2} \ \mathbf{1.3-1.1} \ \mathbf{1.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \beta^\circ \ \text{id}_2 \ \beta\alpha - \alpha^\circ \ \alpha \ \beta\alpha - \text{id}_1 \ \alpha \ \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1219 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$1220 \text{ [MT, OM, OM]} \Leftrightarrow [3.1 \ 2.2 \ \mathbf{1.3-2.1} \ \mathbf{1.2} \ \mathbf{1.3-2.1} \ \mathbf{1.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \beta^\circ \ \text{id}_2 \ \beta\alpha - \alpha^\circ \ \alpha \ \beta\alpha - \alpha^\circ \ \alpha \ \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1220 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$1221 \text{ [MT, OM, IM]} \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3-2.1} \ \mathbf{1.2} \ \mathbf{1.3-3.1} \ \mathbf{1.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \beta^\circ \ \text{id}_2 \ \beta\alpha - \alpha^\circ \ \alpha \ \beta\alpha - \alpha^\circ \beta^\circ \ \alpha \ \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1221 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \alpha, \text{id}_1 \}$$

$$1222 \text{ [MT, IM, MM]} \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3-3.1} \ \mathbf{1.2} \ \mathbf{1.3-1.1} \ \mathbf{1.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 1222 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1223 \text{ [MT, IM, OM]} \\ \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1223 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1225 \text{ [OT, MM, MM]} \\ \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 1225 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1226 \text{ [OT, MM, OM]} \\ \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1226 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1227 \text{ [OT, MM, IM]} \quad \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{llll} 3.3 & 3.2 & \mathbf{3.1} & 3.3 \quad 3.2 \quad 3.1 \quad 3.3 \quad 3.2 \quad \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 \quad 2.2 \quad 2.1 \quad 2.3 \quad 2.2 \quad 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} \quad \mathbf{1.2} \quad \mathbf{1.1} \quad \mathbf{1.3} \quad \mathbf{1.2} \quad 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1227 &= \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\ &\quad \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{ll} 1228 \text{ [OT, OM, MM]} & \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{llll} 3.3 & 3.2 & \mathbf{3.1} & 3.3 \quad 3.2 \quad 3.1 \quad 3.3 \quad 3.2 \quad 3.1 \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 \quad 2.2 \quad \mathbf{2.1} \quad 2.3 \quad 2.2 \quad 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} \quad \mathbf{1.2} \quad 1.1 \quad \mathbf{1.3} \quad \mathbf{1.2} \quad \mathbf{1.1} \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1228 &= \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ &\quad \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{ll} 1229 \text{ [OT, OM, OM]} & \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{llll} 3.3 & 3.2 & \mathbf{3.1} & 3.3 \quad 3.2 \quad 3.1 \quad 3.3 \quad 3.2 \quad 3.1 \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 \quad 2.2 \quad \mathbf{2.1} \quad 2.3 \quad 2.2 \quad \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} \quad \mathbf{1.2} \quad 1.1 \quad \mathbf{1.3} \quad \mathbf{1.2} \quad 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1229 &= \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{ll} 1230 \text{ [OT, OM, IM]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{llll} 3.3 & 3.2 & \mathbf{3.1} & 3.3 \quad 3.2 \quad 3.1 \quad 3.3 \quad 3.2 \quad \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 \quad 2.2 \quad \mathbf{2.1} \quad 2.3 \quad 2.2 \quad 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} \quad \mathbf{1.2} \quad 1.1 \quad \mathbf{1.3} \quad \mathbf{1.2} \quad 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1230 &= \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1231 \text{ [OT, IM, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** **1.2** 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1231 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1232 \text{ [OT, IM, OM]} \quad \Leftrightarrow [3.1 \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{1.2} \ \mathbf{1.3} - 2.1 \ \mathbf{1.2} \ \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** **1.2** 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1232 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1234 \text{ [IT, MM, MM]} \quad \Leftrightarrow [3.1 \ 2.2 \ \mathbf{1.3} - \mathbf{1.1} \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{1.1} \ \mathbf{1.2} \ \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 3.1 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** **1.2** **1.1** **1.3** **1.2** **1.1**

$$\text{TrTr} \setminus 1234 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1235 \text{ [IT, MM, OM]} \quad \Leftrightarrow [3.1 \ 2.2 \ \mathbf{1.3} - 1.1 \ \mathbf{1.2} \ \mathbf{1.3} - 2.1 \ \mathbf{1.2} \ \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 3.1 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** **1.2** **1.1** **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1235 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1236 \text{ [IT, MM, IM]} \quad \Leftrightarrow [3.1 \ 2.2 \ \mathbf{1.3} - 1.1 \ \mathbf{1.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{1.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1236 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1237 \text{ [IT, OM, MM]} \\ \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 1237 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1238 \text{ [IT, OM, OM]} \\ \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1238 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1239 \text{ [IT, OM, IM]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1239 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1240 \text{ [IT, IM, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 1240 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1241 \text{ [IT, IM, OM]} \\ \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1241 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1243 \text{ [MT, MM, MO]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1243 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1246 \text{ [MT, OM, MO]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1246 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1249 \text{ [MT, IM, MO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1249 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1251 \text{ [MT, IM, IO]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1251 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1252 \text{ [OT, MM, MO]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1252 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1255 \text{ [OT, OM, MO]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1255 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1258 \text{ [OT, IM, MO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1258 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1260 \text{ [OT, IM, IO]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1260 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1261 \text{ [IT, MM, MO]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1261 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1264 \text{ [IT, OM, MO]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1264 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1267 \text{ [IT, IM, MO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1267 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1269 \text{ [IT, IM, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1269 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1270 \text{ [MT, MM, MI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1270 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1273 \text{ [MT, OM, MI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1273 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1277 \text{ [MT, IM, OI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1277 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1278 \text{ [MT, IM, II]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1278 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1279 \text{ [OT, MM, MI]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1279 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1282 \text{ [OT, OM, MI]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1282 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1286 \text{ [OT, IM, OI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1286 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1287 \text{ [OT, IM, II]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1287 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1288 \text{ [IT, MM, MI]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1288 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1291 \text{ [IT, OM, MI]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1291 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1295 \text{ [IT, IM, OI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1295 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1296 \text{ [IT, IM, II]} \\ \Leftrightarrow [3.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1296 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1297 \text{ [MT, MO, MM]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 1297 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1298 \text{ [MT, MO, OM]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1298 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1299 \text{ [MT, MO, IM]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1299 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1305 \text{ [MT, IO, IM]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1305 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1306 \text{ [OT, MO, MM]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 1306 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1307 \text{ [OT, MO, OM]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1307 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1308 \text{ [OT, MO, IM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 3.1 3.3 3.2 **3.1**
 2.3 **2.2** 2.1 2.3 **2.2** **2.1** 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1308 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1314 \text{ [OT, IO, IM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 **2.2** 2.1 **2.3** **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 1.3 1.2 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1314 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1315 \text{ [IT, MO, MM]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 3.1 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** **2.1** 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

$$\text{TrTr} \setminus 1315 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1316 \text{ [IT, MO, OM]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 3.1 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** **2.1** 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1316 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1317 \text{ [IT, MO, IM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1317 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1323 \text{ [IT, IO, IM]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1323 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1325 \text{ [MT, MO, OO]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1325 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1326 \text{ [MT, MO, IO]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1326 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1327 \text{ [MT, OO, MO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1327 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1328 \text{ [MT, OO, OO]} \\ \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1328 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1329 \text{ [MT, OO, IO]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1329 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1330 \text{ [MT, IO, MO]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1330 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1331 \text{ [MT, IO, OO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1331 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1334 \text{ [OT, MO, OO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1334 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1335 \text{ [OT, MO, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1335 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1336 \text{ [OT, OO, MO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1336 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1337 \text{ [OT, OO, OO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1337 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1338 \text{ [OT, OO, IO]} \\ \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ 1.3 - 2.1 \ \mathbf{2.2} \ \mathbf{2.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1338 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1339 \text{ [OT, IO, MO]} \\ \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ 2.3 - 2.1 \ \mathbf{2.2} \ \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1339 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1340 \text{ [OT, IO, OO]} \\ \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ 1.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3} - 2.1 \ \mathbf{2.2} \ \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1340 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1343 \text{ [IT, MO, OO]} \quad \Leftrightarrow [3.1 \ \mathbf{2.2} \ \mathbf{1.3} - 2.1 \ \mathbf{2.2} \ \mathbf{1.3} - 2.1 \ \mathbf{2.2} \ 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1343 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1344 \text{ [IT, MO, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1344 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1345 \text{ [IT, OO, MO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1345 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1346 \text{ [IT, OO, OO]} \quad \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1346 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1347 \text{ [IT, OO, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1347 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1348 \text{ [IT, IO, MO]} \\ \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ 2.3 - 2.1 \ \mathbf{2.2} \ \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1348 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1349 \text{ [IT, IO, OO]} \\ \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ 1.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{2.3} - 2.1 \ \mathbf{2.2} \ \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta - \alpha^\circ \text{ id2 } \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1349 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1351 \text{ [MT, MO, MI]} \\ \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - 2.1 \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \ \beta^\circ \ \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1351 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1357 \text{ [MT, IO, MI]} \quad \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ 2.3 - \mathbf{3.1} \ 3.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1357 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1358 \text{ [MT, IO, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1358 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1359 \text{ [MT, IO, II]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1359 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1360 \text{ [OT, MO, MI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1360 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1366 \text{ [OT, IO, MI]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1366 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1367 \text{ [OT, IO, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1367 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1368 \text{ [OT, IO, II]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1368 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1369 \text{ [IT, MO, MI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1369 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1375 \text{ [IT, IO, MI]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1375 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1376 \text{ [IT, IO, OI]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1376 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1377 \text{ [IT, IO, II]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1377 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1378 \text{ [MT, MI, MM]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\text{TrTr} \setminus 1378 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1379 \text{ [MT, MI, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1379 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1383 \text{ [MT, OI, IM]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1383 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1386 \text{ [MT, II, IM]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1386 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1387 \text{ [OT, MI, MM]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1387 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1388 \text{ [OT, MI, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1388 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1392 \text{ [OT, OI, IM]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1392 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1395 \text{ [OT, II, IM]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1395 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1396 \text{ [IT, MI, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1396 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1397 \text{ [IT, MI, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1397 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1401 \text{ [IT, OI, IM]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1401 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1404 \text{ [IT, II, IM]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1404 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1405 \text{ [MT, MI, MO]} \\ \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1405 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1407 \text{ [MT, MI, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1407 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1410 \text{ [MT, OI, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1410 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1413 \text{ [MT, II, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1413 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1414 \text{ [OT, MI, MO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ 2.3 & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1414 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1416 \text{ [OT, MI, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1416 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1419 \text{ [OT, OI, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1419 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1422 \text{ [OT, II, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1422 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1425 \text{ [IT, MI, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1425 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1428 \text{ [IT, OI, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \text{ id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1428 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1431 \text{ [IT, II, IO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1431 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1433 \text{ [MT, MI, OI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1433 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1434 \text{ [MT, MI, II]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1434 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1435 \text{ [MT, OI, MI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.2 & 2.1 & 2.3 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1435 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1436 \text{ [MT, OI, OI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.2 & 2.1 & 2.3 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1436 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1437 \text{ [MT, OI, II]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.2 & 2.1 & 2.3 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1437 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1438 \text{ [MT, II, MI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1438 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1439 \text{ [MT, II, OI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

3.3 3.2 **3.1** **3.3** **3.2** **3.1** 3.3 **3.2** **3.1**
 2.3 **2.2** 2.1 2.3 2.2 2.1 **2.3** 2.2 2.1
1.3 1.2 1.1 1.3 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1439 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1440 \text{ [MT, II, III]} \quad \Leftrightarrow [\mathbf{3.1} \ 2.2 \ 1.3 - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{3.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{3.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3 3.2 **3.1** **3.3** **3.2** **3.1** **3.3** **3.2** **3.1**
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 1.3 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1440 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1442 \text{ [OT, MI, OI]} \quad \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{3.2} \ 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

3.3 3.2 **3.1** 3.3 **3.2** **3.1** 3.3 **3.2** **3.1**
 2.3 **2.2** 2.1 2.3 2.2 2.1 **2.3** 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1442 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1443 \text{ [OT, MI, II]} \quad \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{3.2} \ 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3 3.2 **3.1** 3.3 **3.2** **3.1** **3.3** **3.2** **3.1**
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1443 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1444 \text{ [OT, OI, MI]} \quad \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{3.2} \ 2.3 - \mathbf{3.1} \ \mathbf{3.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.2 & 2.1 & 2.3 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1444 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1446 \text{ [OT, OI, II]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.2 & 2.1 & 2.3 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1446 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1447 \text{ [OT, II, MII]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1447 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$\begin{array}{l} 1448 \text{ [OT, II, OII]} \\ \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{array}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1448 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1449 \text{ [OT, II, III]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & \mathbf{3.1} & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & & 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1449 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1451 \text{ [IT, MI, OI]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & & 2.3 & 2.2 & 2.1 & & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1451 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1452 \text{ [IT, MI, II]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{aligned}$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & & 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1452 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1453 \text{ [IT, OI, MI]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & & \mathbf{2.3} & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1453 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1454 \text{ [IT, OI, OI]} \quad \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1454 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1455 \text{ [IT, OI, II]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1455 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1456 \text{ [IT, II, MI]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1456 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1457 \text{ [IT, II, OI]} & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1457 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1458 \text{ [IT, II, II]} \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3 3.2 **3.1** **3.3** 3.2 3.1 **3.3** 3.2 3.1
 2.3 **2.2** 2.1 2.3 2.2 2.1 2.3 2.2 2.1
1.3 1.2 1.1 1.3 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1458 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1459 \text{ [MM, MT, MT]} \quad \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 **2.2** 2.1
1.3 **1.2** **1.1** **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1459 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1460 \text{ [MM, MT, OT]} \quad \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 **2.2** 2.1
1.3 **1.2** **1.1** **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1460 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1461 \text{ [MM, MT, IT]} \quad \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 **3.1**
 2.3 2.2 2.1 2.3 **2.2** 2.1 2.3 **2.2** 2.1
1.3 **1.2** **1.1** **1.3** 1.2 1.1 **1.3** 1.2 1.1

$$\text{TrTr} \setminus 1461 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1462 \text{ [MM, OT, MT]} \quad \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\text{id1 } \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1462 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1463 \text{ [MM, OT, OT]} & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\text{id1 } \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1463 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1464 \text{ [MM, OT, IT]} & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\text{id1 } \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1464 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1465 \text{ [MM, IT, MT]} & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\text{id1 } \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1465 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1466 \text{ [MM, IT, OT]} \quad \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\text{id1 } \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha]$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1466 &= \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1467 \text{ [MM, IT, IT]} &\Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ &\Leftrightarrow [\text{id1 } \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1467 &= \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1468 \text{ [OM, MT, MT]} &\Leftrightarrow [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ &\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1468 &= \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1469 \text{ [OM, MT, OT]} &\Leftrightarrow [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ &\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1469 &= \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ &\quad \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ &\quad \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1470 \text{ [OM, MT, IT]} \quad \Leftrightarrow [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1474 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 1475 \text{ [OM, IT, OT]} \\ \Leftrightarrow [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1475 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 1476 \text{ [OM, IT, IT]} \\ \Leftrightarrow [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1476 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{array}{l} 1495 \text{ [OO, MT, MT]} \\ \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha] \end{array}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1495 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1496 \text{ [OO, MT, OT]} \quad \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1496 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1497 \text{ [OO, MT, IT]} & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1497 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1498 \text{ [OO, OT, MT]} & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1498 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1499 \text{ [OO, OT, OT]} & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1499 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1500 \text{ [OO, OT, IT]} \quad \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha]$$

$$\begin{array}{ccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1500 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1501 \text{ [OO, IT, MT]} & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1501 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1502 \text{ [OO, IT, OT]} & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1502 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1503 \text{ [OO, IT, IT]} & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \text{ id2 } \beta - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1503 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1524 \text{ [OI, MT, IT]} \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha]$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1524 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1525 \text{ [OI, OT, MT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 2.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1525 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1526 \text{ [OI, OT, OT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 2.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1526 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1527 \text{ [OI, OT, IT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 2.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc|ccc|ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1527 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1528 \text{ [OI, IT, MT]} \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 2.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1528 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1529 \text{ [OI, IT, OT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 2.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1529 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1530 \text{ [OI, IT, IT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 2.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \beta - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1530 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1531 \text{ [II, MT, MT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1531 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1532 \text{ [II, MT, OT]} \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha]$$

$$\begin{array}{ccccccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1532 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1533 \text{ [II, MT, IT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1533 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1534 \text{ [II, OT, MT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1534 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1535 \text{ [II, OT, OT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1535 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1536 \text{ [II, OT, IT]} \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha]$$

$$\begin{array}{ccccccccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1536 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1537 \text{ [II, IT, MT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1537 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1538 \text{ [II, IT, OT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1538 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1539 \text{ [II, IT, IT]} & \Leftrightarrow [\mathbf{3.1} \ 3.2 \ 3.3 - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \text{id3} - \alpha^\circ\beta^\circ \text{id2} \beta\alpha - \alpha^\circ\beta^\circ \text{id2} \beta\alpha] \end{aligned}$$

$$\begin{array}{ccccccccc} \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\ 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1539 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1540 \text{ [MT, MT, MM]} \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{1.1} \ 1.2 \ \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

$$\text{TrTr} \setminus 1540 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1541 \text{ [MT, MT, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

$$\text{TrTr} \setminus 1541 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1543 \text{ [MT, OT, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

$$\text{TrTr} \setminus 1543 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1544 \text{ [MT, OT, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3 1.2 1.1**

$$\text{TrTr} \setminus 1544 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1546 \text{ [MT, IT, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

$$\text{TrTr} \setminus 1546 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1547 \text{ [MT, IT, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1547 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1549 \text{ [OT, MT, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

$$\text{TrTr} \setminus 1549 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \wedge \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1550 \text{ [OT, MT, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1550 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1552 \text{ [OT, OT, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1552 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1553 \text{ [OT, OT, OM]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \beta^\circ \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1553 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1555 \text{ [OT, IT, MM]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1555 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1556 \text{ [OT, IT, OM]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1556 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \} \end{aligned}$$

$$1558 \text{ [IT, MT, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

$$\text{TrTr} \setminus 1558 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1559 \text{ [IT, MT, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1559 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1561 \text{ [IT, OT, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

$$\text{TrTr} \setminus 1561 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1562 \text{ [IT, OT, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1562 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1564 \text{ [IT, IT, MM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 2.1
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** **1.1**

$$\text{TrTr} \setminus 1564 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1565 \text{ [IT, IT, OM]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 2.3 2.2 **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 **1.3** **1.2** 1.1

$$\text{TrTr} \setminus 1565 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1} \}$$

$$1568 \text{ [MT, MT, OO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1568 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1571 \text{ [MT, OT, OO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1571 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1574 \text{ [MT, IT, OO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1574 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1577 \text{ [OT, MT, OO]} \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - 2.1 \ \mathbf{2.2} \ 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1577 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1580 \text{ [OT, OT, OO]} \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - 2.1 \ \mathbf{2.2} \ 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1580 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1583 \text{ [OT, IT, OO]} \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - 2.1 \ \mathbf{2.2} \ 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ\beta^\circ \text{ id2 } \beta\alpha - \alpha^\circ \text{ id2 } \beta]$$

3.3 3.2 **3.1** 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 **2.2** 2.1 2.3 **2.2** 2.1 **2.3** **2.2** **2.1**
1.3 1.2 1.1 **1.3** 1.2 1.1 1.3 1.2 1.1

$$\text{TrTr} \setminus 1583 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1586 \text{ [IT, MT, OO]} \Leftrightarrow [\mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - \mathbf{3.1} \ \mathbf{2.2} \ \mathbf{1.3} - 2.1 \ \mathbf{2.2} \ 2.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1586 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1589 \text{ [IT, OT, OO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1589 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1592 \text{ [IT, IT, OO]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & 3.1 \\ \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1592 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1595 \text{ [MT, MT, OI]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 \end{array} \quad \begin{array}{ccc} 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ \mathbf{2.3} & 2.2 & 2.1 \\ 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 1595 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1596 \text{ [MT, MT, II]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1596 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1598 \text{ [MT, OT, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1598 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1599 \text{ [MT, OT, II]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1599 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1601 \text{ [MT, IT, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1601 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1602 \text{ [MT, IT, II]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1602 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1604 \text{ [OT, MT, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1604 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1605 \text{ [OT, MT, II]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1605 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1607 \text{ [OT, OT, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1607 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1608 \text{ [OT, OT, II]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1608 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1610 \text{ [OT, IT, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta\alpha] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1610 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1611 \text{ [OT, IT, II]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1611 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1613 \text{ [IT, MT, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1613 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1614 \text{ [IT, MT, II]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1614 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1616 \text{ [IT, OT, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1616 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1617 \text{ [IT, OT, II]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1617 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 1619 \text{ [IT, IT, OI]} & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ & \Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \beta] \end{aligned}$$

$$\begin{array}{ccc} 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\ 2.3 & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\ \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\begin{aligned} \text{TrTr} \setminus 1619 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$1620 \text{ [IT, IT, II]} \quad \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\Leftrightarrow [\alpha^\circ\beta^\circ \text{ id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1620 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\ & \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

2.4. Trichotomische Triaden mit leerem Durchschnitt

2.4.1. Mit mindestens einer leeren Teilmenge

$$\begin{aligned} 29 \quad [\text{MM}, \text{MM}, \text{OO}] & \Leftrightarrow [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ & \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 29 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 30 \quad [\text{MM}, \text{MM}, \text{IO}] & \Leftrightarrow [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ & \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ\beta^\circ \quad \text{id2} \quad \beta] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 30 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\ & \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$32 \quad [\text{MM}, \text{OM}, \text{OO}] \quad \Leftrightarrow \quad [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 32 = \quad \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$33 \quad [\text{MM}, \text{OM}, \text{IO}] \quad \Leftrightarrow \quad [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 33 = \quad \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$35 \quad [\text{MM}, \text{IM}, \text{OO}] \quad \Leftrightarrow \quad [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 35 = \quad \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$36 \quad [\text{MM}, \text{IM}, \text{IO}] \quad \Leftrightarrow \quad [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccccccccc} 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\ 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\ \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 \end{array}$$

$$\text{TrTr} \setminus 36 = \quad \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$38 \quad [\text{OM}, \text{MM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 3.1
 2.3 2.2 **2.1** 2.3 2.2 2.1 **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** 1.3 1.2 1.1

$$\text{TrTr} \setminus 38 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$39 \quad [\text{OM}, \text{MM}, \text{IO}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 **3.1**
 2.3 2.2 **2.1** 2.3 2.2 2.1 **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** 1.3 1.2 1.1

$$\text{TrTr} \setminus 39 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$42 \quad [\text{OM}, \text{OM}, \text{IO}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 3.1 3.3 3.2 3.1 3.3 3.2 **3.1**
 2.3 2.2 **2.1** 2.3 2.2 **2.1** **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** 1.3 1.2 1.1

$$\text{TrTr} \setminus 42 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$44 \quad [\text{OM}, \text{IM}, \text{OO}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3 3.2 3.1 3.3 3.2 **3.1** 3.3 3.2 3.1
 2.3 2.2 **2.1** 2.3 2.2 2.1 **2.3 2.2 2.1**
1.3 1.2 1.1 **1.3 1.2 1.1** 1.3 1.2 1.1

$$\text{TrTr} \setminus 44 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\ \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$45 \quad [\text{OM}, \text{IM}, \text{IO}] \quad \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \45 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

47 [IM, MM, OO] ⇔ [3.1 **1.2** **1.3** - 1.1 **1.2** **1.3** - 2.1 2.2 2.3]
⇔ [α°β° α βα - id1 α βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \47 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

48 [IM, MM, IO] ⇔ [3.1 **1.2** **1.3** - 1.1 **1.2** **1.3** - 3.1 2.2 2.3]
⇔ [α°β° α βα - id1 α βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \48 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

50 [IM, OM, OO] ⇔ [3.1 **1.2** **1.3** - 2.1 **1.2** **1.3** - 2.1 2.2 2.3]
⇔ [α°β° α βα - α° α βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \50 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

51 [IM, OM, IO] ⇔ [3.1 **1.2** **1.3** - 2.1 **1.2** **1.3** - 3.1 2.2 2.3]
⇔ [α°β° α βα - α° α βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 51 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$53 \quad [\text{IM}, \text{IM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 53 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$56 \quad [\text{MM}, \text{MM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 56 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$57 \quad [\text{MM}, \text{MM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 57 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$59 \quad [\text{MM}, \text{OM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 59 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$60 \quad [\text{MM}, \text{OM}, \text{II}] \quad \Leftrightarrow \quad [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 60 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$62 \quad [\text{MM}, \text{IM}, \text{OI}] \quad \Leftrightarrow \quad [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 62 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$63 \quad [\text{MM}, \text{IM}, \text{II}] \quad \Leftrightarrow \quad [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 63 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$65 \quad [\text{OM}, \text{MM}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 65 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$66 \quad [\text{OM}, \text{MM}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 66 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$68 \quad [\text{OM}, \text{OM}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 68 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$69 \quad [\text{OM}, \text{OM}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 69 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$71 \quad [\text{OM}, \text{IM}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \71 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

72 [OM, IM, II] ⇔ [2.1 **1.2** **1.3 - 3.1** **1.2** **1.3 - 3.1** 3.2 3.3]
⇔ [α° α βα - α°β° α βα - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \72 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

74 [IM, MM, OI] ⇔ [**3.1** **1.2** **1.3 - 1.1** **1.2** **1.3 - 3.1** 3.2 2.3]
⇔ [α°β° α βα - id1 α βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \74 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

75 [IM, MM, II] ⇔ [**3.1** **1.2** **1.3 - 1.1** **1.2** **1.3 - 3.1** 3.2 3.3]
⇔ [α°β° α βα - id1 α βα - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \75 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

77 [IM, OM, OI] ⇔ [**3.1** **1.2** **1.3 - 2.1** **1.2** **1.3 - 3.1** 3.2 2.3]
⇔ [α°β° α βα - α° α βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 77 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$78 \quad [\text{IM}, \text{OM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 78 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$85 \quad [\text{MM}, \text{OO}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 85 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$86 \quad [\text{MM}, \text{OO}, \text{OM}] \quad \Leftrightarrow \quad [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 86 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$87 \quad [\text{MM}, \text{OO}, \text{IM}] \quad \Leftrightarrow \quad [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 87 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
88 \quad [\text{MM}, \text{IO}, \text{MM}] & \Leftrightarrow [\mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 2.2 \quad 2.3 - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 88 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
89 \quad [\text{MM}, \text{IO}, \text{OM}] & \Leftrightarrow [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 2.2 \quad 2.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 89 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
90 \quad [\text{MM}, \text{IO}, \text{IM}] & \Leftrightarrow [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 90 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
94 \quad [\text{OM}, \text{OO}, \text{MM}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 94 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$96 \quad [\text{OM}, \text{OO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3 - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 96 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$97 \quad [\text{OM}, \text{IO}, \text{MM}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 2.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 97 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$98 \quad [\text{OM}, \text{IO}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 98 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$99 \quad [\text{OM}, \text{IO}, \text{IM}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 99 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$103 \quad [\text{IM}, \text{OO}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 103 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$104 \quad [\text{IM}, \text{OO}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 104 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$105 \quad [\text{IM}, \text{OO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 105 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$106 \quad [\text{IM}, \text{IO}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \106 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

107 [IM, IO, OM] ⇔ [**3.1** **1.2** **1.3** - **3.1** 2.2 2.3 - 2.1 **1.2** **1.3**]
⇔ [α°β° α βα - α°β° id2 β - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \107 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

110 [MM, MO, OO] ⇔ [1.1 1.2 **1.3** - **2.1** **2.2** **1.3** - **2.1** **2.2** 2.3]
⇔ [id1 α βα - α° id2 βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \110 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

111 [MM, MO, IO] ⇔ [1.1 1.2 **1.3** - 2.1 **2.2** **1.3** - 3.1 **2.2** 2.3]
⇔ [id1 α βα - α° id2 βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \111 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

112 [MM, OO, MO] ⇔ [1.1 1.2 **1.3** - **2.1** **2.2** 2.3 - **2.1** **2.2** **1.3**]
⇔ [id1 α βα - α° id2 β - α° id2 βα]

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 112 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
113 \quad [\text{MM}, \text{OO}, \text{OO}] & \Leftrightarrow [1.1 \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 113 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}'
\end{aligned}$$

$$\begin{aligned}
114 \quad [\text{MM}, \text{OO}, \text{IO}] & \Leftrightarrow [1.1 \quad 1.2 \quad 1.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 114 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
115 \quad [\text{MM}, \text{IO}, \text{MO}] & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 115 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
116 \quad [\text{MM}, \text{IO}, \text{OO}] & \Leftrightarrow [1.1 \quad 1.2 \quad 1.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 116 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$117 \quad [\text{MM}, \text{IO}, \text{IO}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 117 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$120 \quad [\text{OM}, \text{MO}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 120 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$123 \quad [\text{OM}, \text{OO}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 123 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$124 \quad [\text{OM}, \text{IO}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 124 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$125 \quad [\text{OM}, \text{IO}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 1.2 \quad 1.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 125 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$126 \quad [\text{OM}, \text{IO}, \text{IO}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 126 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$128 \quad [\text{IM}, \text{MO}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 128 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$130 \quad [\text{IM}, \text{OO}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 130 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
131 \quad [\text{IM}, \text{OO}, \text{OO}] & \Leftrightarrow [3.1 \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 131 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
132 \quad [\text{IM}, \text{OO}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 132 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
134 \quad [\text{IM}, \text{IO}, \text{OO}] & \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 134 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
137 \quad [\text{MM}, \text{MO}, \text{OI}] & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 137 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$138 \quad [\text{MM}, \text{MO}, \text{II}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 138 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$139 \quad [\text{MM}, \text{OO}, \text{MI}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 139 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$140 \quad [\text{MM}, \text{OO}, \text{OI}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad \mathbf{2.3} - 3.1 \quad 3.2 \quad \mathbf{2.3}] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 140 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$141 \quad [\text{MM}, \text{OO}, \text{II}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 141 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
142 \quad [\text{MM}, \text{IO}, \text{MI}] & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 142 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
143 \quad [\text{MM}, \text{IO}, \text{OI}] & \Leftrightarrow [1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 143 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
144 \quad [\text{MM}, \text{IO}, \text{II}] & \Leftrightarrow [1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 144 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
146 \quad [\text{OM}, \text{MO}, \text{OI}] & \Leftrightarrow [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 146 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
147 \quad [\text{OM}, \text{MO}, \text{II}] & \Leftrightarrow [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 147 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
148 \quad [\text{OM}, \text{OO}, \text{MI}] & \Leftrightarrow [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 148 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
149 \quad [\text{OM}, \text{OO}, \text{OI}] & \Leftrightarrow [\mathbf{2.1} \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad 2.2 \quad \mathbf{2.3} - 3.1 \quad 3.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 149 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
150 \quad [\text{OM}, \text{OO}, \text{II}] & \Leftrightarrow [\mathbf{2.1} \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 150 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
151 \quad [\text{OM}, \text{IO}, \text{MI}] & \Leftrightarrow [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 151 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
152 \quad [\text{OM}, \text{IO}, \text{OI}] & \Leftrightarrow [2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 152 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
153 \quad [\text{OM}, \text{IO}, \text{II}] & \Leftrightarrow [2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 153 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
155 \quad [\text{IM}, \text{MO}, \text{OI}] & \Leftrightarrow [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 155 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
156 \quad [\text{IM}, \text{MO}, \text{II}] \\
\Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 156 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
157 \quad [\text{IM}, \text{OO}, \text{MI}] \\
\Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 157 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
158 \quad [\text{IM}, \text{OO}, \text{OI}] \\
\Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 158 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
159 \quad [\text{IM}, \text{OO}, \text{II}] \\
\Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{array}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 159 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$166 \quad [\text{MM}, \text{OI}, \text{MM}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad 2.3 - 1.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id}_1 \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 166 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$167 \quad [\text{MM}, \text{OI}, \text{OM}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad 2.3 - 2.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 167 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$168 \quad [\text{MM}, \text{OI}, \text{IM}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad 2.3 - 3.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 168 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$169 \quad [\text{MM}, \text{IM}, \text{MM}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad 3.3 - 1.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \text{id}_1 \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 169 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
170 \quad [\text{MM}, \text{II}, \text{OM}] & \Leftrightarrow [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 170 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
171 \quad [\text{MM}, \text{II}, \text{IM}] & \Leftrightarrow [1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 171 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
175 \quad [\text{OM}, \text{OI}, \text{MM}] & \Leftrightarrow [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 175 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
176 \quad [\text{OM}, \text{OI}, \text{OM}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3 - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 176 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
177 \quad [\text{OM}, \text{OI}, \text{IM}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
\quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 177 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
178 \quad [\text{OM}, \text{II}, \text{MM}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
\quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 178 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
179 \quad [\text{OM}, \text{II}, \text{OM}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
\quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 179 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
180 \quad [\text{OM}, \text{II}, \text{IM}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
\quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 180 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}
\end{aligned}$$

$$\begin{aligned}
184 \quad [\text{IM}, \text{OI}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 184 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}
\end{aligned}$$

$$\begin{aligned}
185 \quad [\text{IM}, \text{OI}, \text{OM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 185 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}
\end{aligned}$$

$$\begin{aligned}
187 \quad [\text{IM}, \text{II}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \text{id}_1 \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 187 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}
\end{aligned}$$

$$\begin{aligned}
188 \quad [\text{IM}, \text{II}, \text{OM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \188 = {<3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

191 [MM, MI, OO] ⇔ [1.1 1.2 **1.3** - 3.1 3.2 **1.3** - 2.1 2.2 2.3]
⇔ [id1 α β α - $\alpha^\circ\beta^\circ$ β° β α - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \191 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

192 [MM, MI, IO] ⇔ [1.1 1.2 **1.3** - **3.1** 3.2 **1.3** - **3.1** 2.2 2.3]
⇔ [id1 α β α - $\alpha^\circ\beta^\circ$ β° β α - $\alpha^\circ\beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \192 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

193 [MM, OI, MO] ⇔ [1.1 1.2 **1.3** - 3.1 3.2 2.3 - 2.1 2.2 **1.3**]
⇔ [id1 α β α - $\alpha^\circ\beta^\circ$ β° β - α° id2 β α]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \193 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

194 [MM, OI, OO] ⇔ [1.1 1.2 1.3 - 3.1 3.2 **2.3** - 2.1 2.2 **2.3**]
⇔ [id1 α β α - $\alpha^\circ\beta^\circ$ β° β - α° id2 β]

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 194 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
195 \quad [\text{MM}, \text{OI}, \text{IO}] & \Leftrightarrow [1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 195 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
196 \quad [\text{MM}, \text{II}, \text{MO}] & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 196 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
197 \quad [\text{MM}, \text{II}, \text{OO}] & \Leftrightarrow [1.1 \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad 2.3] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 197 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
198 \quad [\text{MM}, \text{II}, \text{IO}] & \Leftrightarrow [1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad 2.3] \\
& \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \198 = {<3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

200 [OM, MI, OO] ⇔ [2.1 1.2 1.3 - 3.1 3.2 1.3 - 2.1 2.2 2.3]
⇔ [α° α βα - α°β° β° βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \200 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

201 [OM, MI, IO] ⇔ [2.1 1.2 1.3 - 3.1 3.2 1.3 - 3.1 2.2 2.3]
⇔ [α° α βα - α°β° β° βα - α°β° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \201 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

202 [OM, OI, MO] ⇔ [2.1 1.2 1.3 - 3.1 3.2 2.3 - 2.1 2.2 1.3]
⇔ [α° α βα - α°β° β° β - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \202 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

203 [OM, OI, OO] ⇔ [2.1 1.2 1.3 - 3.1 3.2 2.3 - 2.1 2.2 2.3]
⇔ [α° α βα - α°β° β° β - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 203 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$204 \quad [\text{OM}, \text{OI}, \text{IO}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 204 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$205 \quad [\text{OM}, \text{II}, \text{MO}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 205 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$206 \quad [\text{OM}, \text{II}, \text{OO}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 206 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$207 \quad [\text{OM}, \text{II}, \text{IO}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 207 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$209 \quad [\text{IM}, \text{MI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 209 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$211 \quad [\text{IM}, \text{OI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - 2.1 \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 211 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$212 \quad [\text{IM}, \text{OI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad 2.2 \quad \mathbf{2.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 212 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$214 \quad [\text{IM}, \text{II}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 214 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$215 \quad [\text{IM}, \text{II}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 215 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$218 \quad [\text{MM}, \text{MI}, \text{OI}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 218 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$219 \quad [\text{MM}, \text{MI}, \text{II}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 219 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$220 \quad [\text{MM}, \text{OI}, \text{MI}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 220 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
221 \quad [\text{MM}, \text{OI}, \text{OI}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 221 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
222 \quad [\text{MM}, \text{OI}, \text{II}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 222 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
223 \quad [\text{MM}, \text{II}, \text{MI}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 223 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
224 \quad [\text{MM}, \text{II}, \text{OI}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{array}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 224 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$225 \quad [\text{MM}, \text{II}, \text{II}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow \quad [\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 225 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$227 \quad [\text{OM}, \text{MI}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 227 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$228 \quad [\text{OM}, \text{MI}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 228 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$229 \quad [\text{OM}, \text{OI}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 229 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
230 \quad [\text{OM}, \text{OI}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 230 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
231 \quad [\text{OM}, \text{OI}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 231 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
232 \quad [\text{OM}, \text{II}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 232 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
233 \quad [\text{OM}, \text{II}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{array}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 233 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$234 \quad [\text{OM}, \text{II}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 234 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$253 \quad [\text{OO}, \text{MM}, \text{MM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 253 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$254 \quad [\text{OO}, \text{MM}, \text{OM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 254 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$255 \quad [\text{OO}, \text{MM}, \text{IM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 255 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$256 \quad [\text{OO}, \text{OM}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 256 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$258 \quad [\text{OO}, \text{OM}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 258 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$259 \quad [\text{OO}, \text{IM}, \text{MM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 259 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$260 \quad [\text{OO}, \text{IM}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 2.2 \quad 2.3 - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 260 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$261 \quad [\text{OO}, \text{IM}, \text{IM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 261 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$262 \quad [\text{IO}, \text{MM}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 2.2 \quad 2.3 - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{1.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 262 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$263 \quad [\text{IO}, \text{MM}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad 2.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 263 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$264 \quad [\text{IO}, \text{MM}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 264 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}
\end{aligned}$$

$$\begin{aligned}
265 \quad [\text{IO}, \text{OM}, \text{MM}] & \Leftrightarrow [3.1 \quad 2.2 \quad 2.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id}_1 \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 265 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}
\end{aligned}$$

$$\begin{aligned}
266 \quad [\text{IO}, \text{OM}, \text{OM}] & \Leftrightarrow [3.1 \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 266 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}
\end{aligned}$$

$$\begin{aligned}
267 \quad [\text{IO}, \text{OM}, \text{IM}] & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 2.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 267 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}
\end{aligned}$$

$$\begin{aligned}
268 \quad [\text{IO}, \text{IM}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \text{id}_1 \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 268 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$269 \quad [\text{IO}, \text{IM}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 269 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$272 \quad [\text{MO}, \text{MM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 272 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$273 \quad [\text{MO}, \text{MM}, \text{IO}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 273 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$276 \quad [\text{MO}, \text{OM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 276 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$278 \quad [\text{MO}, \text{IM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 3.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 278 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$280 \quad [\text{OO}, \text{MM}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 280 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$281 \quad [\text{OO}, \text{MM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 281 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$282 \quad [\text{OO}, \text{MM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 282 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$285 \quad [\text{OO}, \text{OM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad 1.2 \quad 1.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 285 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$286 \quad [\text{OO}, \text{IM}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 286 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$287 \quad [\text{OO}, \text{IM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 3.1 \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 287 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$288 \quad [\text{OO}, \text{IM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 288 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$289 \quad [\text{IO}, \text{MM}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 289 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$290 \quad [\text{IO}, \text{MM}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 290 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$291 \quad [\text{IO}, \text{MM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 291 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$292 \quad [\text{IO}, \text{OM}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 292 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$293 \quad [\text{IO}, \text{OM}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 293 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$294 \quad [\text{IO}, \text{OM}, \text{IO}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 294 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$296 \quad [\text{IO}, \text{IM}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 296 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$299 \quad [\text{MO}, \text{MM}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 299 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$300 \quad [\text{MO}, \text{MM}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 300 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$302 \quad [\text{MO}, \text{OM}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 302 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$303 \quad [\text{MO}, \text{OM}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 303 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$305 \quad [\text{MO}, \text{IM}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 305 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
306 \quad [\text{MO}, \text{IM}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 306 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
307 \quad [\text{OO}, \text{MM}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3}] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 307 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
308 \quad [\text{OO}, \text{MM}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad \mathbf{2.3}] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 308 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
309 \quad [\text{OO}, \text{MM}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - 1.1 \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad 3.3] \\
\quad \quad \quad \quad \quad \quad \quad \quad \quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 309 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
310 \quad [\text{OO}, \text{OM}, \text{MI}] & \Leftrightarrow [\mathbf{2.1} \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 310 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
311 \quad [\text{OO}, \text{OM}, \text{OI}] & \Leftrightarrow [\mathbf{2.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 311 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
312 \quad [\text{OO}, \text{OM}, \text{II}] & \Leftrightarrow [\mathbf{2.1} \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad 1.3 - 3.1 \quad 3.2 \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 312 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
313 \quad [\text{OO}, \text{IM}, \text{MI}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 313 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$314 \quad [\text{OO}, \text{IM}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 314 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$315 \quad [\text{OO}, \text{IM}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 315 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$316 \quad [\text{IO}, \text{MM}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 316 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$317 \quad [\text{IO}, \text{MM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 317 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$318 \quad [\text{IO}, \text{MM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - 1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 318 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$319 \quad [\text{IO}, \text{OM}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 319 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$320 \quad [\text{IO}, \text{OM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - 2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 320 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$321 \quad [\text{IO}, \text{OM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - 2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 321 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
328 \quad [\text{MO}, \text{OO}, \text{MM}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 328 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
330 \quad [\text{MO}, \text{OO}, \text{IM}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 330 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
331 \quad [\text{MO}, \text{IO}, \text{MM}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 331 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
332 \quad [\text{MO}, \text{IO}, \text{OM}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 332 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$334 \quad [\text{OO}, \text{MO}, \text{MM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3} - \mathbf{1.1} & \mathbf{1.2} & \mathbf{1.3} \end{bmatrix} \\ \Leftrightarrow \quad \begin{bmatrix} \alpha^\circ & \text{id2} & \beta & -\alpha^\circ & \text{id2} & \beta\alpha - \text{id1} & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 334 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$336 \quad [\text{OO}, \text{MO}, \text{IM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{1.3} - \mathbf{3.1} & \mathbf{1.2} & \mathbf{1.3} \end{bmatrix} \\ \Leftrightarrow \quad \begin{bmatrix} \alpha^\circ & \text{id2} & \beta & -\alpha^\circ & \text{id2} & \beta\alpha - \alpha^\circ \beta^\circ & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 336 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$337 \quad [\text{OO}, \text{OO}, \text{MM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{1.1} & \mathbf{1.2} & \mathbf{1.3} \end{bmatrix} \\ \Leftrightarrow \quad \begin{bmatrix} \alpha^\circ & \text{id2} & \beta & -\alpha^\circ & \text{id2} & \beta & -\text{id1} & \alpha & \beta\alpha \end{bmatrix}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 337 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$339 \quad [\text{OO}, \text{OO}, \text{IM}] \quad \Leftrightarrow \quad \begin{bmatrix} \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{2.1} & \mathbf{2.2} & \mathbf{2.3} - \mathbf{3.1} & \mathbf{1.2} & \mathbf{1.3} \end{bmatrix} \\ \Leftrightarrow \quad \begin{bmatrix} \alpha^\circ & \text{id2} & \beta & -\alpha^\circ & \text{id2} & \beta & -\alpha^\circ \beta^\circ & \alpha & \beta\alpha \end{bmatrix}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 339 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
340 \quad [\text{OO}, \text{IO}, \text{MM}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 340 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
341 \quad [\text{OO}, \text{IO}, \text{OM}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 341 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
342 \quad [\text{OO}, \text{IO}, \text{IM}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 342 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
343 \quad [\text{IO}, \text{MO}, \text{MM}] & \Leftrightarrow [3.1 \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 343 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$344 \quad [\text{IO}, \text{MO}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 344 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$346 \quad [\text{IO}, \text{OO}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{1.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 346 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$347 \quad [\text{IO}, \text{OO}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 347 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$348 \quad [\text{IO}, \text{OO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 348 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$349 \quad [\text{IO}, \text{IO}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 349 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$350 \quad [\text{IO}, \text{IO}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 350 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$380 \quad [\text{MO}, \text{MO}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 380 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$381 \quad [\text{MO}, \text{MO}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 381 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
382 \quad [\text{MO}, \text{OO}, \text{MI}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad 3.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 382 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
383 \quad [\text{MO}, \text{OO}, \text{OI}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 3.1 \quad 3.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 383 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
384 \quad [\text{MO}, \text{OO}, \text{II}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad 3.2 \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 384 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
386 \quad [\text{MO}, \text{IO}, \text{OI}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 386 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$387 \quad [\text{MO}, \text{IO}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 387 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$388 \quad [\text{OO}, \text{MO}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 388 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$389 \quad [\text{OO}, \text{MO}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 1.3 - 3.1 \quad 3.2 \quad \mathbf{2.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 389 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$390 \quad [\text{OO}, \text{MO}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad 1.3 - 3.1 \quad 3.2 \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 390 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
391 \quad [\text{OO}, \text{OO}, \text{MI}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - 2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 391 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
393 \quad [\text{OO}, \text{OO}, \text{II}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - 2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 393 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
394 \quad [\text{OO}, \text{IO}, \text{MI}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 394 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
396 \quad [\text{OO}, \text{IO}, \text{II}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 396 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$398 \quad [\text{IO}, \text{MO}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 398 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$399 \quad [\text{IO}, \text{MO}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 399 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$400 \quad [\text{IO}, \text{IO}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 400 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$402 \quad [\text{IO}, \text{OO}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 402 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$409 \quad [\text{MO}, \text{OI}, \text{MM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \text{id}_1 \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 409 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$410 \quad [\text{MO}, \text{OI}, \text{OM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 410 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$411 \quad [\text{MO}, \text{OI}, \text{IM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 411 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$412 \quad [\text{MO}, \text{II}, \text{MM}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3 - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id}_2 \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \text{id}_1 \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 412 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
413 \quad [\text{MO, II, OM}] & \Leftrightarrow [2.1 \quad 2.2 \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 413 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
414 \quad [\text{MO, II, IM}] & \Leftrightarrow [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 414 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
415 \quad [\text{OO, MI, MM}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 415 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
416 \quad [\text{OO, MI, OM}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & & 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 & & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 416 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
417 \quad [\text{OO}, \text{MI}, \text{IM}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & & 2.3 & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1 & & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 417 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
418 \quad [\text{OO}, \text{OI}, \text{MM}] & \Leftrightarrow [2.1 \quad 2.2 \quad \mathbf{2.3} - 3.1 \quad 3.2 \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & & \mathbf{2.3} & 2.2 & 2.1 & & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 418 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
419 \quad [\text{OO}, \text{OI}, \text{OM}] & \Leftrightarrow [\mathbf{2.1} \quad 2.2 \quad \mathbf{2.3} - 3.1 \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & & \mathbf{2.3} & 2.2 & 2.1 & & 2.3 & 2.2 & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 419 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
420 \quad [\text{OO}, \text{OI}, \text{IM}] & \Leftrightarrow [2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 420 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
421 \quad [\text{OO}, \text{II}, \text{MM}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 3.3 - 1.1 \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 421 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
422 \quad [\text{OO}, \text{II}, \text{OM}] & \Leftrightarrow [\mathbf{2.1} \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 422 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
423 \quad [\text{OO}, \text{II}, \text{IM}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 423 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
424 \quad [\text{IO}, \text{MI}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 424 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$425 \quad [\text{IO}, \text{MI}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 425 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$427 \quad [\text{IO}, \text{OI}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id}_1 \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 427 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$428 \quad [\text{IO}, \text{OI}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 428 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$430 \quad [\text{IO}, \text{II}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - 1.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \text{id}_1 \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 430 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$431 \quad [\text{IO}, \text{II}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 431 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$434 \quad [\text{MO}, \text{MI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 434 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$436 \quad [\text{MO}, \text{OI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 436 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$437 \quad [\text{MO}, \text{OI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad 1.3 - 3.1 \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & & \mathbf{2.3} & 2.2 & 2.1 & & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 437 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
438 \quad [\text{MO}, \text{OI}, \text{IO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & 3.3 & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & & \mathbf{2.3} & 2.2 & 2.1 & & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 438 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
439 \quad [\text{MO}, \text{II}, \text{MO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & & 2.3 & 2.2 & 2.1 & & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 439 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
440 \quad [\text{MO}, \text{II}, \text{OO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 1.3 - 3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & & 3.3 & 3.2 & 3.1 \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & & 2.3 & 2.2 & 2.1 & & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1 & & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 440 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
441 \quad [\text{MO}, \text{II}, \text{IO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 441 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$442 \quad [\text{OO}, \text{MI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 442 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$443 \quad [\text{OO}, \text{MI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 443 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$444 \quad [\text{OO}, \text{MI}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 444 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$445 \quad [\text{OO}, \text{OI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 445 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
447 \quad [\text{OO}, \text{OI}, \text{IO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 447 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
448 \quad [\text{OO}, \text{II}, \text{MO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 448 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
449 \quad [\text{OO}, \text{II}, \text{OO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - 3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 449 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
450 \quad [\text{OO}, \text{II}, \text{IO}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 450 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$452 \quad [\text{IO}, \text{MI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 1.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 452 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$454 \quad [\text{IO}, \text{OI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 454 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$457 \quad [\text{IO}, \text{II}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad \mathbf{2.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 457 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$458 \quad [\text{IO}, \text{II}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 458 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$461 \quad [\text{MO}, \text{MI}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{3.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 461 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$462 \quad [\text{MO}, \text{MI}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{3.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{3.2} \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 462 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$463 \quad [\text{MO}, \text{OI}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 463 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$464 \quad [\text{MO}, \text{OI}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 464 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
465 \quad [\text{MO}, \text{OI}, \text{II}] & \Leftrightarrow [2.1 \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 465 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
466 \quad [\text{MO}, \text{II}, \text{MI}] & \Leftrightarrow [2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 466 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
467 \quad [\text{MO}, \text{II}, \text{OI}] & \Leftrightarrow [2.1 \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 467 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
468 \quad [\text{MO}, \text{II}, \text{II}] & \Leftrightarrow [2.1 \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 468 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$469 \quad [\text{OO}, \text{MI}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 469 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$470 \quad [\text{OO}, \text{MI}, \text{OI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 470 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$471 \quad [\text{OO}, \text{MI}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 471 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$472 \quad [\text{OO}, \text{OI}, \text{MI}] \quad \Leftrightarrow \quad [2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 472 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
474 \quad [\text{OO}, \text{OI}, \text{II}] & \Leftrightarrow [2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 474 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
475 \quad [\text{OO}, \text{II}, \text{MI}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 475 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
476 \quad [\text{OO}, \text{II}, \text{OI}] & \Leftrightarrow [2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccc}
3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 476 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
477 \quad [\text{OO}, \text{II}, \text{II}] & \Leftrightarrow [2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 477 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$496 \quad [\text{OI}, \text{MM}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \text{id}_1 \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 496 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$497 \quad [\text{OI}, \text{MM}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 497 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$498 \quad [\text{OI}, \text{MM}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 2.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 498 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$499 \quad [\text{OI}, \text{OM}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \text{id}_1 \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 499 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$500 \quad [\text{OI}, \text{OM}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 500 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$501 \quad [\text{OI}, \text{OM}, \text{IM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 501 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$502 \quad [\text{OI}, \text{IM}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 502 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$503 \quad [\text{OI}, \text{IM}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 3.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 503 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$505 \quad [\text{II}, \text{MM}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 505 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$506 \quad [\text{II}, \text{MM}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 506 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$507 \quad [\text{II}, \text{MM}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 507 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$508 \quad [\text{II}, \text{OM}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - 2.1 \quad \mathbf{1.2} \quad \mathbf{1.3} - 1.1 \quad \mathbf{1.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \508 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

509 [II, OM, OM] ⇔ [3.1 3.2 3.3 – 2.1 1.2 1.3 – 2.1 1.2 1.3]
⇔ [α°β° β° id3 – α° α βα – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \509 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

510 [II, OM, IM] ⇔ [**3.1** 3.2 3.3 – 2.1 1.2 1.3 – 3.1 1.2 1.3]
⇔ [α°β° β° id3 – α° α βα – α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \510 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

511 [II, IM, MM] ⇔ [**3.1** 3.2 3.3 – 3.1 1.2 1.3 – 1.1 1.2 1.3]
⇔ [α°β° β° id3 – α°β° α βα – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \511 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

512 [II, IM, OM] ⇔ [3.1 3.2 3.3 – 3.1 1.2 1.3 – 2.1 1.2 1.3]
⇔ [α°β° β° id3 – α°β° α βα – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 512 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$515 \quad [\text{MI}, \text{MM}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 515 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$516 \quad [\text{MI}, \text{MM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 516 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$518 \quad [\text{MI}, \text{OM}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 518 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$519 \quad [\text{MI}, \text{OM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 519 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$521 \quad [\text{MI}, \text{IM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 521 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$523 \quad [\text{OI}, \text{MM}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 523 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$524 \quad [\text{OI}, \text{MM}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 524 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$525 \quad [\text{OI}, \text{MM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 2.3 - 1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 525 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$526 \quad [\text{OI}, \text{OM}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 526 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$527 \quad [\text{OI}, \text{OM}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad 2.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 527 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$528 \quad [\text{OI}, \text{OM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 528 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$529 \quad [\text{OI}, \text{IM}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 529 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$530 \quad [\text{OI}, \text{IM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 530 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$532 \quad [\text{II}, \text{MM}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 532 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$533 \quad [\text{II}, \text{MM}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - 1.1 \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 533 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$534 \quad [\text{II}, \text{MM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - 1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 534 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$535 \quad [\text{II}, \text{OM}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 535 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$536 \quad [\text{II}, \text{OM}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad 1.2 \quad 1.3 - \mathbf{2.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 536 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$537 \quad [\text{II}, \text{OM}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad 2.2 \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 537 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$538 \quad [\text{II}, \text{IM}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 538 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$539 \quad [\text{II}, \text{IM}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 1.2 \quad 1.3 - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 539 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$542 \quad [\text{MI}, \text{MM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 542 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$543 \quad [\text{MI}, \text{MM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 543 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$545 \quad [\text{MI}, \text{OM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 545 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$546 \quad [\text{MI}, \text{OM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}
\quad
\begin{array}{ccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 546 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$550 \quad [\text{OI}, \text{MM}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}
\quad
\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 550 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$551 \quad [\text{OI}, \text{MM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1
\end{array}
\quad
\begin{array}{ccc}
3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}
\quad
\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1
\end{array}$$

$$\text{TrTr} \setminus 551 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$552 \quad [\text{OI}, \text{MM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 552 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$553 \quad [\text{OI}, \text{OM}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 553 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$554 \quad [\text{OI}, \text{OM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - 2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 554 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$555 \quad [\text{OI}, \text{OM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 555 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$559 \quad [\text{II}, \text{MM}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 559 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$560 \quad [\text{II}, \text{MM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 560 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$561 \quad [\text{II}, \text{MM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - 1.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 561 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$562 \quad [\text{II}, \text{OM}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 562 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$563 \quad [\text{II}, \text{OM}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id}_3 - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 563 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$564 \quad [\text{II}, \text{OM}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - 2.1 \quad 1.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 564 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$571 \quad [\text{MI}, \text{OO}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 571 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$572 \quad [\text{MI}, \text{OO}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 572 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$573 \quad [\text{MI}, \text{OO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \573 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

574 [MI, IO, MM] ⇔ [3.1 3.2 **1.3 - 3.1** 2.2 2.3 - 1.1 1.2 **1.3]**
⇔ [α°β° β° βα - α°β° id2 β - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \574 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

575 [MI, IO, OM] ⇔ [3.1 3.2 **1.3 - 3.1** 2.2 2.3 - 2.1 1.2 **1.3]**
⇔ [α°β° β° βα - α°β° id2 β - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \575 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

577 [OI, MO, MM] ⇔ [3.1 3.2 2.3 - 2.1 2.2 **1.3 - 1.1** 1.2 **1.3]**
⇔ [α°β° β° β - α° id2 βα - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \577 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

578 [OI, MO, OM] ⇔ [3.1 3.2 2.3 - 2.1 2.2 **1.3 - 2.1** 1.2 **1.3]**
⇔ [α°β° β° β - α° id2 βα - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 578 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$579 \quad [\text{OI}, \text{MO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 2.3 - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 579 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$580 \quad [\text{OI}, \text{OO}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad 2.2 \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 580 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$581 \quad [\text{OI}, \text{OO}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad 2.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 581 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$582 \quad [\text{OI}, \text{OO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 582 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
583 \quad [\text{OI}, \text{IO}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 583 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
584 \quad [\text{OI}, \text{IO}, \text{OM}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{2.3} - 2.1 \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 584 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
586 \quad [\text{II}, \text{MO}, \text{MM}] & \Leftrightarrow [3.1 \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 586 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
587 \quad [\text{II}, \text{MO}, \text{OM}] & \Leftrightarrow [3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad 2.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 587 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$588 \quad [\text{II}, \text{MO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 588 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$589 \quad [\text{II}, \text{OO}, \text{MM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad 2.3 - 1.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 589 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$590 \quad [\text{II}, \text{OO}, \text{OM}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad 2.2 \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 590 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$591 \quad [\text{II}, \text{OO}, \text{IM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 591 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$592 \quad [\text{II}, \text{IO}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad 2.3 - 1.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 592 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$593 \quad [\text{II}, \text{IO}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad 2.3 - 2.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 593 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$596 \quad [\text{MI}, \text{MO}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 596 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$598 \quad [\text{MI}, \text{OO}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 598 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$599 \quad [\text{MI}, \text{OO}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 1.3 - 2.1 \quad 2.2 \quad 2.3 - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 599 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$600 \quad [\text{MI}, \text{OO}, \text{IO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 1.3 - 2.1 \quad 2.2 \quad 2.3 - 3.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 600 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$602 \quad [\text{MI}, \text{IO}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 1.3 - 3.1 \quad 2.2 \quad 2.3 - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 602 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$604 \quad [\text{OI}, \text{MO}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 2.3 - 2.1 \quad 2.2 \quad 1.3 - 2.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 604 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$605 \quad [\text{OI}, \text{MO}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 605 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$606 \quad [\text{OI}, \text{MO}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 606 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$607 \quad [\text{OI}, \text{OO}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 607 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$608 \quad [\text{OI}, \text{OO}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{1.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 608 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$610 \quad [\text{OI}, \text{IO}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 2.2 \quad 2.3 - 3.1 \quad 3.2 \quad 2.3 - 2.1 \quad 1.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 610 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$613 \quad [\text{II}, \text{MO}, \text{MO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad 1.3 - 2.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 613 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$614 \quad [\text{II}, \text{MO}, \text{OO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad 1.3 - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 614 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$615 \quad [\text{II}, \text{MO}, \text{IO}] \quad \Leftrightarrow \quad [3.1 \quad 3.2 \quad 3.3 - 2.1 \quad 2.2 \quad 1.3 - 3.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 615 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
616 \quad [\text{II}, \text{OO}, \text{MO}] & \Leftrightarrow [3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 616 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
617 \quad [\text{II}, \text{OO}, \text{OO}] & \Leftrightarrow [3.1 \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 617 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
618 \quad [\text{II}, \text{OO}, \text{IO}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 618 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
619 \quad [\text{II}, \text{IO}, \text{MO}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad \mathbf{2.2} \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 619 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$620 \quad [\text{II}, \text{IO}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 620 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$623 \quad [\text{MI}, \text{MO}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 623 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$624 \quad [\text{MI}, \text{MO}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 624 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$625 \quad [\text{MI}, \text{OO}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 625 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$626 \quad [\text{MI}, \text{OO}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - 2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 626 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$627 \quad [\text{MI}, \text{OO}, \text{II}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 627 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$631 \quad [\text{OI}, \text{MO}, \text{MI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 631 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$632 \quad [\text{OI}, \text{MO}, \text{OI}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - 2.1 \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 632 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
633 \quad [\text{OI}, \text{MO}, \text{II}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 2.1 \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 633 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
634 \quad [\text{OI}, \text{OO}, \text{MI}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 634 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
636 \quad [\text{OI}, \text{OO}, \text{II}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 636 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
640 \quad [\text{II}, \text{MO}, \text{MI}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 2.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 640 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
641 \quad [\text{II}, \text{MO}, \text{OI}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 641 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
642 \quad [\text{II}, \text{MO}, \text{II}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - 2.1 \quad 2.2 \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 642 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
643 \quad [\text{II}, \text{OO}, \text{MI}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 643 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
644 \quad [\text{II}, \text{OO}, \text{OI}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 2.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 644 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
645 \quad [\text{II}, \text{OO}, \text{II}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - 2.1 \quad 2.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]
\end{aligned}$$

$$\begin{array}{ccccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 645 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
652 \quad [\text{MI}, \text{OI}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 652 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
653 \quad [\text{MI}, \text{OI}, \text{OM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 2.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 653 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
655 \quad [\text{MI}, \text{II}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 655 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$656 \quad [\text{MI}, \text{II}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 656 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$658 \quad [\text{OI}, \text{MI}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 658 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$659 \quad [\text{OI}, \text{MI}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 659 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$661 \quad [\text{OI}, \text{OI}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha]$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 661 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
662 \quad [\text{OI}, \text{OI}, \text{OM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - 2.1 \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 662 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
664 \quad [\text{OI}, \text{II}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 1.1 \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1}
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 664 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
665 \quad [\text{OI}, \text{II}, \text{OM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 1.2 \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 665 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
667 \quad [\text{II}, \text{MI}, \text{MM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 667 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$668 \quad [\text{II}, \text{MI}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 668 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$670 \quad [\text{II}, \text{OI}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 1.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 670 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$671 \quad [\text{II}, \text{OI}, \text{OM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 2.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 671 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$673 \quad [\text{II}, \text{II}, \text{MM}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - 1.1 \quad 1.2 \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \673 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

674 [II, II, OM] ⇔ [**3.1** **3.2** **3.3** - **3.1** **3.2** **3.3** - 2.1 1.2 1.3]
⇔ [α°β° β° id3 - α°β° β° id3 - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \674 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

677 [MI, MI, OO] ⇔ [**3.1** **3.2** **1.3** - **3.1** **3.2** **1.3** - 2.1 2.2 2.3]
⇔ [α°β° β° βα - α°β° β° βα - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \677 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

679 [MI, OI, MO] ⇔ [**3.1** **3.2** **1.3** - **3.1** **3.2** 2.3 - 2.1 2.2 **1.3**]
⇔ [α°β° β° βα - α°β° β° β - α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \679 = {<3.3, 2.3, 2.2, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

680 [MI, OI, OO] ⇔ [**3.1** **3.2** 1.3 - **3.1** **3.2** **2.3** - 2.1 2.2 **2.3**]
⇔ [α°β° β° βα - α°β° β° β - α° id2 β]

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 680 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
682 \quad [\text{MI}, \text{II}, \text{MO}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 2.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 682 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
683 \quad [\text{MI}, \text{II}, \text{OO}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 2.2 \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & \mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 683 = & \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
685 \quad [\text{OI}, \text{MI}, \text{MO}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 685 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
686 \quad [\text{OI}, \text{MI}, \text{OO}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - 2.1 \quad 2.2 \quad \mathbf{2.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 686 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$688 \quad [\text{OI}, \text{OI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - 2.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 688 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$691 \quad [\text{OI}, \text{II}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 691 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$692 \quad [\text{OI}, \text{II}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - 2.1 \quad 2.2 \quad \mathbf{2.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 692 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$694 \quad [\text{II}, \text{MI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{1.3} - 2.1 \quad 2.2 \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 694 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$695 \quad [\text{II}, \text{MI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 1.3 - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 695 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$697 \quad [\text{II}, \text{OI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad 2.3 - 2.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 697 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$698 \quad [\text{II}, \text{OI}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad 3.3 - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{2.3} - 2.1 \quad 2.2 \quad \mathbf{2.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 698 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$700 \quad [\text{II}, \text{II}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - 2.1 \quad 2.2 \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 700 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$701 \quad [\text{II}, \text{II}, \text{OO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - \mathbf{3.1} \quad \mathbf{3.2} \quad \mathbf{3.3} - 2.1 \quad 2.2 \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 701 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$760 \quad [\text{MM}, \text{OO}, \text{MT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 760 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$761 \quad [\text{MM}, \text{OO}, \text{OT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 761 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$762 \quad [\text{MM}, \text{OO}, \text{IT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 762 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 763 \quad [\text{MM}, \text{IO}, \text{MT}] & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 763 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 764 \quad [\text{MM}, \text{IO}, \text{OT}] & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 764 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 765 \quad [\text{MM}, \text{IO}, \text{IT}] & \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 765 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 772 \quad [\text{OM}, \text{IO}, \text{MT}] & \Leftrightarrow [2.1 \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 772 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$773 \quad [\text{OM}, \text{IO}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\text{id}\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 773 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$774 \quad [\text{OM}, \text{IO}, \text{IT}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 774 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$778 \quad [\text{IM}, \text{OO}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 778 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$779 \quad [\text{IM}, \text{OO}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 779 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
780 \quad [\text{IM}, \text{OO}, \text{IT}] \\
\Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 780 = & \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
788 \quad [\text{MM}, \text{OI}, \text{OT}] \\
\Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 788 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
789 \quad [\text{MM}, \text{OI}, \text{IT}] \\
\Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{array}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & \mathbf{2.3} & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\
\mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 789 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{array}{l}
790 \quad [\text{MM}, \text{II}, \text{MT}] \\
\Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\
\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{array}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 790 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$791 \quad [\text{MM}, \text{II}, \text{OT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 791 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$792 \quad [\text{MM}, \text{II}, \text{IT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 792 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$796 \quad [\text{OM}, \text{OI}, \text{MT}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 796 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$797 \quad [\text{OM}, \text{OI}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 797 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$798 \quad [\text{OM}, \text{OI}, \text{II}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 798 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$799 \quad [\text{OM}, \text{II}, \text{MT}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 799 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$800 \quad [\text{OM}, \text{II}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 800 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$801 \quad [\text{OM}, \text{II}, \text{IT}] \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 801 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$820 \quad [\text{OO}, \text{MM}, \text{MT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 820 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$821 \quad [\text{OO}, \text{MM}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 821 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$822 \quad [\text{OO}, \text{MM}, \text{IT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 822 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$826 \quad [\text{OO}, \text{IM}, \text{MT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 826 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
827 \quad [\text{OO}, \text{IM}, \text{OT}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 827 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
828 \quad [\text{OO}, \text{IM}, \text{IT}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 828 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
829 \quad [\text{IO}, \text{MM}, \text{MT}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 829 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
830 \quad [\text{IO}, \text{MM}, \text{OT}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad -\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 830 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$831 \quad [\text{IO}, \text{MM}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 831 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$832 \quad [\text{IO}, \text{OM}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 832 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$833 \quad [\text{IO}, \text{OM}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 833 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$834 \quad [\text{IO}, \text{OM}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 834 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$868 \quad [\text{MO}, \text{OI}, \text{MT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 868 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$869 \quad [\text{MO}, \text{OI}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 869 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$870 \quad [\text{MO}, \text{OI}, \text{IT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 870 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$871 \quad [\text{MO}, \text{II}, \text{MT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 871 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$872 \quad [\text{MO}, \text{II}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 872 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$873 \quad [\text{MO}, \text{II}, \text{IT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 873 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$874 \quad [\text{OO}, \text{MI}, \text{MT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 874 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$875 \quad [\text{OO}, \text{MI}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 875 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$876 \quad [\text{OO}, \text{MI}, \text{IT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 876 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$880 \quad [\text{OO}, \text{II}, \text{MT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 880 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$881 \quad [\text{OO}, \text{II}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 881 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$882 \quad [\text{OO}, \text{II}, \text{IT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad 3.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 882 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$901 \quad [\text{OI}, \text{MM}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 901 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$902 \quad [\text{OI}, \text{MM}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 902 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$903 \quad [\text{OI}, \text{MM}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 2.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\text{id}_1 \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 903 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$$

$$904 \quad [\text{OI}, \text{OM}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 2.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id}_2 \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \904 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

905 [OI, OM, OT] ⇔ [**3.1** 3.2 2.3 – 2.1 1.2 **1.3** – **3.1** 2.2 **1.3**]
⇔ [α°β° β° β – α° α βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \905 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

906 [OI, OM, IT] ⇔ [**3.1** 3.2 2.3 – 2.1 1.2 **1.3** – **3.1** 2.2 **1.3**]
⇔ [α°β° β° β – α° α βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \906 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

910 [II, MM, MT] ⇔ [**3.1** 3.2 3.3 – 1.1 1.2 **1.3** – **3.1** 2.2 **1.3**]
⇔ [α°β° β° id3 – id1 α βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \910 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

911 [II, MM, OT] ⇔ [**3.1** 3.2 3.3 – 1.1 1.2 **1.3** – **3.1** 2.2 **1.3**]
⇔ [α°β° β° id3 – id1 α βα – α°β° id2 βα]

$$\begin{array}{ccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 911 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
912 \quad [\text{II}, \text{MM}, \text{IT}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 3.3 - 1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & \mathbf{1.1} & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 912 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
913 \quad [\text{II}, \text{OM}, \text{MT}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 913 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
914 \quad [\text{II}, \text{OM}, \text{OT}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccc}
\mathbf{3.3} & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & 2.2 & 2.1 & 2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 914 = & \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
915 \quad [\text{II}, \text{OM}, \text{IT}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 915 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$922 \quad [\text{MI}, \text{OO}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 922 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$923 \quad [\text{MI}, \text{OO}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 923 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$924 \quad [\text{MI}, \text{OO}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 924 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$928 \quad [\text{OI}, \text{MO}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 2.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \928 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

929 [OI, MO, OT] ⇔ [**3.1** 3.2 2.3 – 2.1 **2.2** **1.3** – **3.1** **2.2** **1.3**]
⇔ [α°β° β° β – α° id2 βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \929 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

930 [OI, MO, IT] ⇔ [**3.1** 3.2 2.3 – 2.1 **2.2** **1.3** – **3.1** **2.2** **1.3**]
⇔ [α°β° β° β – α° id2 βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \930 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

937 [II, MO, MT] ⇔ [**3.1** 3.2 3.3 – 2.1 **2.2** **1.3** – **3.1** **2.2** **1.3**]
⇔ [α°β° β° id3 – α° id2 βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \937 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

938 [II, MO, OT] ⇔ [**3.1** 3.2 3.3 – 2.1 **2.2** **1.3** – **3.1** **2.2** **1.3**]
⇔ [α°β° β° id3 – α° id2 βα – α°β° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 938 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$939 \quad [\text{II}, \text{MO}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 939 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$940 \quad [\text{II}, \text{OO}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 940 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$941 \quad [\text{II}, \text{OO}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 941 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$942 \quad [\text{II}, \text{OO}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad 3.3 - 2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3]$$

$$\Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3} - \alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 942 = \{ \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1001 \text{ [MM, MT, OO]} \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1001 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1002 \text{ [MM, MT, IO]} \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1002 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1004 \text{ [MM, OT, OO]} \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1004 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1005 \text{ [MM, OT, IO]} \Leftrightarrow [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1005 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1007 [MM, IT, OO] \Leftrightarrow [1.1 1.2 **1.3** - 3.1 **2.2** **1.3** - 2.1 **2.2** 2.3]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1007 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1008 [MM, IT, IO] \Leftrightarrow [1.1 1.2 **1.3** - **3.1** **2.2** **1.3** - **3.1** **2.2** 2.3]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1008 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1011 [OM, MT, IO] \Leftrightarrow [2.1 1.2 **1.3** - **3.1** **2.2** **1.3** - **3.1** **2.2** 2.3]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1011 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1014 [OM, OT, IO] \Leftrightarrow [2.1 1.2 **1.3** - **3.1** **2.2** **1.3** - **3.1** **2.2** 2.3]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1014 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1017 \text{ [OM, IT, IO]} \quad \Leftrightarrow \quad [2.1 \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1017 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1019 \text{ [IM, MT, OO]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 2.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1019 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1022 \text{ [IM, OT, OO]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 2.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1022 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1025 \text{ [IM, IT, OO]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 1.2 \quad \mathbf{1.3 - 3.1} \quad \mathbf{2.2} \quad \mathbf{1.3 - 2.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1025 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1028 [MM, MT, OI] \Leftrightarrow [1.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 2.3]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1028 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1029 [MM, MT, II] \Leftrightarrow [1.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 3.3]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1029 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1031 [MM, OT, OI] \Leftrightarrow [1.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 2.3]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1031 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1032 [MM, OT, II] \Leftrightarrow [1.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 3.3]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1032 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1034 [MM, IT, OI] \Leftrightarrow [1.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 2.3]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1034 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1035 [MM, IT, II] \Leftrightarrow [1.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 3.3]
 \Leftrightarrow [id1 α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1035 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1037 [OM, MT, OI] \Leftrightarrow [2.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 2.3]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1037 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1038 [OM, MT, II] \Leftrightarrow [2.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 3.3]
 \Leftrightarrow [α° α $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1038 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1040 [OM, OT, OI] ⇔ [2.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 2.3]
 ⇔ [α° α βα – α°β° id2 βα – α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1040 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1041 [OM, OT, II] ⇔ [2.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 3.3]
 ⇔ [α° α βα – α°β° id2 βα – α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1041 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1043 [OM, IT, OI] ⇔ [2.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 2.3]
 ⇔ [α° α βα – α°β° id2 βα – α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1043 = {<3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1044 [OM, IT, II] ⇔ [2.1 1.2 **1.3 – 3.1** 2.2 **1.3 – 3.1** 3.2 3.3]
 ⇔ [α° α βα – α°β° id2 βα – α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1044 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1063 \text{ [OO, MT, MM]} \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1063 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1065 \text{ [OO, MT, IM]} \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1065 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1066 \text{ [OO, OT, MM]} \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - 1.1 \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \text{id1} \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1066 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1068 \text{ [OO, OT, IM]} \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1068 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1069 [OO, IT, MM] \Leftrightarrow [2.1 **2.2** 2.3 – 3.1 **2.2** **1.3** – 1.1 1.2 **1.3**]
 \Leftrightarrow [α° id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – id1 α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1069 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1071 [OO, IT, IM] \Leftrightarrow [2.1 **2.2** 2.3 – **3.1** **2.2** **1.3** – **3.1** 1.2 **1.3**]
 \Leftrightarrow [α° id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ \beta^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1071 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1072 [IO, MT, MM] \Leftrightarrow [**3.1** **2.2** 2.3 – **3.1** **2.2** **1.3** – 1.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – id1 α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1072 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1073 [IO, MT, OM] \Leftrightarrow [**3.1** **2.2** 2.3 – **3.1** **2.2** **1.3** – 2.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1073 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1075 [IO, OT, MM] \Leftrightarrow [**3.1** **2.2** 2.3 – **3.1** **2.2** **1.3** – 1.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – id1 α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1075 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1076 [IO, OT, OM] \Leftrightarrow [**3.1** **2.2** 2.3 – **3.1** **2.2** **1.3** – 2.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1076 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1078 [IO, IT, MM] \Leftrightarrow [**3.1** **2.2** 2.3 – **3.1** **2.2** **1.3** – 1.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – id1 α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1078 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1079 [IO, IT, OM] \Leftrightarrow [**3.1** **2.2** 2.3 – **3.1** **2.2** **1.3** – 2.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1079 = {<3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , $\beta\alpha$, α , id1}

1109 [MO, MT, OI] \Leftrightarrow [2.1 **2.2** **1.3 - 3.1** **2.2** **1.3 - 3.1** 3.2 2.3]
 \Leftrightarrow [α° id2 $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1109 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , $\beta\alpha$, α , id1}

1110 [MO, MT, II] \Leftrightarrow [2.1 **2.2** **1.3 - 3.1** **2.2** **1.3 - 3.1** 3.2 3.3]
 \Leftrightarrow [α° id2 $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1110 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , $\beta\alpha$, α , id1}

1112 [MO, OT, OI] \Leftrightarrow [2.1 **2.2** **1.3 - 3.1** **2.2** **1.3 - 3.1** 3.2 2.3]
 \Leftrightarrow [α° id2 $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1112 = {<3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} \equiv {id3, β° , $\alpha^\circ\beta^\circ$, β , id2, α° , $\beta\alpha$, α , id1}

1113 [MO, OT, II] \Leftrightarrow [2.1 **2.2** **1.3 - 3.1** **2.2** **1.3 - 3.1** 3.2 3.3]
 \Leftrightarrow [α° id2 $\beta\alpha - \alpha^\circ\beta^\circ$ id2 $\beta\alpha - \alpha^\circ\beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1113 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1115 \text{ [MO, IT, OI]} \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3]$$

$$\quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1115 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1116 \text{ [MO, IT, II]} \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1116 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1117 \text{ [OO, MT, MI]} \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}]$$

$$\quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1117 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1119 \text{ [OO, MT, II]} \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1119 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1120 \text{ [OO, OT, MI]} \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}]$$

$$\quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1120 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1122 \text{ [OO, OT, II]} \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1122 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1123 \text{ [OO, IT, MI]} \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}]$$

$$\quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1123 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1125 \text{ [OO, IT, II]} \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - \mathbf{3.1} \quad 3.2 \quad 3.3]$$

$$\quad \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \text{id3}]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1125 = {<3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1144 [OI, MT, MM] ⇔ [**3.1** 3.2 2.3 – **3.1** 2.2 **1.3** – 1.1 1.2 **1.3**]
⇔ [α°β° β° β – α°β° id2 βα – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1144 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1147 [OI, OT, MM] ⇔ [**3.1** 3.2 2.3 – **3.1** 2.2 **1.3** – 1.1 1.2 **1.3**]
⇔ [α°β° β° β – α°β° id2 βα – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1147 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1148 [OI, OT, OM] ⇔ [**3.1** 3.2 2.3 – **3.1** 2.2 **1.3** – 2.1 1.2 **1.3**]
⇔ [α°β° β° β – α°β° id2 βα – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1148 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1150 [OI, IT, MM] ⇔ [**3.1** 3.2 2.3 – **3.1** 2.2 **1.3** – 1.1 1.2 **1.3**]
⇔ [α°β° β° β – α°β° id2 βα – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1150 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1151 [OI, IT, OM] ⇔ [3.1 3.2 2.3 – 3.1 2.2 1.3 – 2.1 1.2 1.3]
 ⇔ [α°β° β° β – α°β° id2 βα – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1151 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1153 [II, MT, MM] ⇔ [3.1 3.2 3.3 – 3.1 2.2 1.3 – 1.1 1.2 1.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1153 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1154 [II, MT, OM] ⇔ [3.1 3.2 3.3 – 3.1 2.2 1.3 – 2.1 1.2 1.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1154 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1156 [II, OT, MM] ⇔ [3.1 3.2 3.3 – 3.1 2.2 1.3 – 1.1 1.2 1.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1156 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1157 [II, OT, OM] ⇔ [**3.1** 3.2 3.3 – **3.1** 2.2 **1.3** – 2.1 1.2 **1.3**]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1157 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1159 [II, IT, MM] ⇔ [**3.1** 3.2 3.3 – **3.1** 2.2 **1.3** – 1.1 1.2 **1.3**]
 ⇔ [α°β° β° id3 – α°β° id2 βα – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1159 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1160 [II, IT, OM] ⇔ [**3.1** 3.2 3.3 – **3.1** 2.2 **1.3** – 2.1 1.2 **1.3**]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1160 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1163 [MI, MT, OO] ⇔ [**3.1** 3.2 **1.3** – **3.1** **2.2** **1.3** – 2.1 **2.2** 2.3]
 ⇔ [α°β° β° βα – α°β° id2 βα – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1163 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1166 [MI, OT, OO] \Leftrightarrow [**3.1** 3.2 **1.3** – **3.1** **2.2** **1.3** – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ β° $\beta\alpha$ – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1166 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1169 [MI, IT, OO] \Leftrightarrow [**3.1** 3.2 **1.3** – **3.1** **2.2** **1.3** – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ β° $\beta\alpha$ – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1169 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1171 [OI, MT, MO] \Leftrightarrow [**3.1** 3.2 2.3 – **3.1** **2.2** **1.3** – 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ β° β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1171 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1174 [OI, OT, MO] \Leftrightarrow [**3.1** 3.2 2.3 – **3.1** **2.2** **1.3** – 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ β° β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1174 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1177 [OI, IT, MO] ⇔ [**3.1** 3.2 2.3 – **3.1** **2.2** **1.3** – 2.1 **2.2** **1.3**]
 ⇔ [α°β° β° β – α°β° id2 βα – α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1177 = {<3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1180 [II, MT, MO] ⇔ [**3.1** 3.2 3.3 – **3.1** **2.2** **1.3** – 2.1 **2.2** **1.3**]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1180 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1181 [II, MT, OO] ⇔ [**3.1** 3.2 3.3 – **3.1** **2.2** 1.3 – 2.1 **2.2** 2.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1181 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1183 [II, OT, MO] ⇔ [**3.1** 3.2 3.3 – **3.1** **2.2** **1.3** – 2.1 **2.2** **1.3**]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1183 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1184 [II, OT, OO] ⇔ [**3.1** 3.2 3.3 – **3.1** **2.2** 1.3 – 2.1 **2.2** 2.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1184 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1186 [II, IT, MO] ⇔ [**3.1** 3.2 3.3 – **3.1** **2.2** **1.3** – 2.1 **2.2** **1.3**]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α° id2 βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1186 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1187 [II, IT, OO] ⇔ [**3.1** 3.2 3.3 – **3.1** **2.2** 1.3 – 2.1 **2.2** 2.3]
 ⇔ [α°β° β° id3 – α°β° id2 βα – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1187 = {<2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡
{id3, β°, α°β°, β, id2, α°, βα, α, id1}

1244 [MT, MM, OO] ⇔ [3.1 **2.2** **1.3** – 1.1 1.2 **1.3** – 2.1 **2.2** 2.3]
 ⇔ [α°β° id2 βα – id1 α βα – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1244 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1245 [MT, MM, IO] \Leftrightarrow [**3.1** **2.2** **1.3** – 1.1 1.2 **1.3** – **3.1** **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – id1 α $\beta\alpha$ – $\alpha^\circ \beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1245 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1248 [MT, OM, IO] \Leftrightarrow [**3.1** **2.2** **1.3** – 2.1 1.2 **1.3** – **3.1** **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$ – $\alpha^\circ \beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1248 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1250 [MT, IM, OO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 1.2 **1.3** – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ \beta^\circ$ α $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1250 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1253 [OT, MM, OO] \Leftrightarrow [3.1 **2.2** **1.3** – 1.1 1.2 **1.3** – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – id1 α $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1253 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1254 [OT, MM, IO] \Leftrightarrow [**3.1** **2.2** **1.3** – 1.1 1.2 **1.3** – **3.1** **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – id1 α $\beta\alpha$ – $\alpha^\circ \beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1254 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1257 [OT, OM, IO] \Leftrightarrow [**3.1** **2.2** **1.3** – 2.1 1.2 **1.3** – **3.1** **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$ – $\alpha^\circ \beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1257 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1259 [OT, IM, OO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 1.2 **1.3** – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ \beta^\circ$ α $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1259 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1262 [IT, MM, OO] \Leftrightarrow [3.1 **2.2** **1.3** – 1.1 1.2 **1.3** – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – id1 α $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1262 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1263 [IT, MM, IO] \Leftrightarrow [**3.1** **2.2** **1.3** - 1.1 1.2 **1.3** - **3.1** **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - id1 α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1263 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1266 [IT, OM, IO] \Leftrightarrow [**3.1** **2.2** **1.3** - 2.1 1.2 **1.3** - **3.1** **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - α° α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1266 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1268 [IT, IM, OO] \Leftrightarrow [**3.1** **2.2** **1.3** - **3.1** 1.2 **1.3** - 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - $\alpha^\circ \beta^\circ$ α $\beta\alpha$ - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1268 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1271 [MT, MM, OI] \Leftrightarrow [**3.1** 2.2 **1.3** - 1.1 1.2 **1.3** - **3.1** 3.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - id1 α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1271 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1272 [MT, MM, II] \Leftrightarrow [**3.1** 2.2 **1.3** - 1.1 1.2 **1.3** - **3.1** 3.2 3.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - id1 α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1272 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1274 [MT, OM, OI] \Leftrightarrow [**3.1** 2.2 **1.3** - 2.1 1.2 **1.3** - **3.1** 3.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - α° α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1274 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1275 [MT, OM, II] \Leftrightarrow [**3.1** 2.2 **1.3** - 2.1 1.2 **1.3** - **3.1** 3.2 3.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - α° α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1275 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1280 [OT, MM, OI] \Leftrightarrow [**3.1** 2.2 **1.3** - 1.1 1.2 **1.3** - **3.1** 3.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - id1 α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1280 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1281 [OT, MM, II] \Leftrightarrow [**3.1** 2.2 **1.3** - 1.1 1.2 **1.3** - **3.1** 3.2 3.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - id1 α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1281 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1283 [OT, OM, OI] \Leftrightarrow [**3.1** 2.2 **1.3** - 2.1 1.2 **1.3** - **3.1** 3.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - α° α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1283 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1284 [OT, OM, II] \Leftrightarrow [**3.1** 2.2 **1.3** - 2.1 1.2 **1.3** - **3.1** 3.2 3.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - α° α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1284 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1289 [IT, MM, OI] \Leftrightarrow [**3.1** 2.2 **1.3** - 1.1 1.2 **1.3** - **3.1** 3.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - id1 α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1289 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1290 [IT, MM, II] \Leftrightarrow [**3.1** 2.2 **1.3** - 1.1 1.2 **1.3** - **3.1** 3.2 3.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - id1 α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1290 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1292 [IT, OM, OI] \Leftrightarrow [**3.1** 2.2 **1.3** - 2.1 1.2 **1.3** - **3.1** 3.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - α° α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1292 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1293 [IT, OM, II] \Leftrightarrow [**3.1** 2.2 **1.3** - 2.1 1.2 **1.3** - **3.1** 3.2 3.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - α° α $\beta\alpha$ - $\alpha^\circ \beta^\circ$ β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1293 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1300 [MT, OO, MM] \Leftrightarrow [3.1 **2.2** **1.3** - 2.1 **2.2** 2.3 - 1.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ - α° id2 β - id1 α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1300 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1302 [MT, OO, IM] \Leftrightarrow [**3.1** **2.2** **1.3** - 2.1 **2.2** 2.3 - **3.1** 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ$ id2 $\beta - \alpha^\circ \beta^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1302 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1303 [MT, IO, MM] \Leftrightarrow [**3.1** **2.2** **1.3** - **3.1** **2.2** 2.3 - 1.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ id2 $\beta - \text{id}_1$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1303 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1304 [MT, IO, OM] \Leftrightarrow [**3.1** **2.2** **1.3** - **3.1** **2.2** 2.3 - 2.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ id2 $\beta - \alpha^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1304 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1309 [OT, OO, MM] \Leftrightarrow [3.1 **2.2** **1.3** - 2.1 **2.2** 2.3 - 1.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ$ id2 $\beta - \text{id}_1$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1309 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1311 [OT, OO, IM] ⇔ [**3.1** **2.2** **1.3** - 2.1 **2.2** 2.3 - **3.1** 1.2 **1.3**]
 ⇔ [α°β° id2 βα - α° id2 β - α°β° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1311 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 2.3, 2.2, 2.1, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1312 [OT, IO, MM] ⇔ [**3.1** **2.2** **1.3** - **3.1** **2.2** 2.3 - 1.1 1.2 **1.3**]
 ⇔ [α°β° id2 βα - α°β° id2 β - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1312 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1313 [OT, IO, OM] ⇔ [**3.1** **2.2** **1.3** - **3.1** **2.2** 2.3 - 2.1 1.2 **1.3**]
 ⇔ [α°β° id2 βα - α°β° id2 β - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1313 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1318 [IT, OO, MM] ⇔ [3.1 **2.2** **1.3** - 2.1 **2.2** 2.3 - 1.1 1.2 **1.3**]
 ⇔ [α°β° id2 βα - α° id2 β - id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1318 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1320 [IT, OO, IM] \Leftrightarrow [**3.1** **2.2** **1.3** - 2.1 **2.2** 2.3 - **3.1** 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ$ id2 $\beta - \alpha^\circ \beta^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1320 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1321 [IT, IO, MM] \Leftrightarrow [**3.1** **2.2** **1.3** - **3.1** **2.2** 2.3 - 1.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ id2 $\beta - \text{id}_1$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1321 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1322 [IT, IO, OM] \Leftrightarrow [**3.1** **2.2** **1.3** - **3.1** **2.2** 2.3 - 2.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ id2 $\beta - \alpha^\circ$ α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1322 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1352 [MT, MO, OI] \Leftrightarrow [**3.1** **2.2** **1.3** - 2.1 **2.2** **1.3** - **3.1** 3.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1352 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1353 [MT, MO, II] ⇔ [**3.1** **2.2** **1.3** - 2.1 **2.2** **1.3** - **3.1** 3.2 3.3]
 ⇔ [α°β° id2 βα - α° id2 βα - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1353 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1354 [MT, OO, MI] ⇔ [**3.1** **2.2** **1.3** - 2.1 **2.2** 2.3 - **3.1** 3.2 **1.3**]
 ⇔ [α°β° id2 βα - α° id2 β - α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1354 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1356 [MT, OO, II] ⇔ [**3.1** **2.2** 1.3 - 2.1 **2.2** 2.3 - **3.1** 3.2 3.3]
 ⇔ [α°β° id2 βα - α° id2 β - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1356 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1361 [OT, MO, OI] ⇔ [**3.1** **2.2** **1.3** - 2.1 **2.2** **1.3** - **3.1** 3.2 2.3]
 ⇔ [α°β° id2 βα - α° id2 βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1361 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1362 [OT, MO, II] ⇔ [**3.1** **2.2** **1.3** - 2.1 **2.2** **1.3** - **3.1** 3.2 3.3]
 ⇔ [α°β° id2 βα - α° id2 βα - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1362 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1363 [OT, OO, MI] ⇔ [**3.1** **2.2** **1.3** - 2.1 **2.2** 2.3 - **3.1** 3.2 **1.3**]
 ⇔ [α°β° id2 βα - α° id2 β - α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1363 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1365 [OT, OO, II] ⇔ [**3.1** **2.2** 1.3 - 2.1 **2.2** 2.3 - **3.1** 3.2 3.3]
 ⇔ [α°β° id2 βα - α° id2 β - α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1365 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1370 [IT, MO, OI] ⇔ [**3.1** **2.2** **1.3** - 2.1 **2.2** **1.3** - **3.1** 3.2 2.3]
 ⇔ [α°β° id2 βα - α° id2 βα - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1370 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1371 [IT, MO, II] ⇔ [3.1 2.2 1.3 – 2.1 2.2 1.3 – 3.1 3.2 3.3]
⇔ [α°β° id2 βα – α° id2 βα – α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1371 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1372 [IT, OO, MI] ⇔ [3.1 2.2 1.3 – 2.1 2.2 2.3 – 3.1 3.2 1.3]
⇔ [α°β° id2 βα – α° id2 β – α°β° β° βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1372 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 2.3, 2.2, 2.1, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1373 [IT, OO, OI] ⇔ [3.1 2.2 1.3 – 2.1 2.2 2.3 – 3.1 3.2 2.3]
⇔ [α°β° id2 βα – α° id2 β – α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1373 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1374 [IT, OO, II] ⇔ [3.1 2.2 1.3 – 2.1 2.2 2.3 – 3.1 3.2 3.3]
⇔ [α°β° id2 βα – α° id2 β – α°β° β° id3]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1374 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1381 [MT, OI, MM] ⇔ [**3.1** 2.2 **1.3** – **3.1** 3.2 2.3 – 1.1 1.2 **1.3**]
 ⇔ [α°β° id2 βα – α°β° β° β – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1381 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1382 [MT, OI, OM] ⇔ [**3.1** 2.2 **1.3** – **3.1** 3.2 2.3 – 2.1 1.2 **1.3**]
 ⇔ [α°β° id2 βα – α°β° β° β – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1382 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1384 [MT, II, MM] ⇔ [**3.1** 2.2 **1.3** – **3.1** 3.2 3.3 – 1.1 1.2 **1.3**]
 ⇔ [α°β° id2 βα – α°β° β° id3 – id1 α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1384 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <2.3, 2.2, 2.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 2.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1385 [MT, II, OM] ⇔ [**3.1** 2.2 **1.3** – **3.1** 3.2 3.3 – 2.1 1.2 **1.3**]
 ⇔ [α°β° id2 βα – α°β° β° id3 – α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1385 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1390 [OT, OI, MM] \Leftrightarrow [**3.1** 2.2 **1.3** - **3.1** 3.2 2.3 - 1.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° β - id1 α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1390 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1391 [OT, OI, OM] \Leftrightarrow [**3.1** 2.2 **1.3** - **3.1** 3.2 2.3 - 2.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° β - α° α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1391 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1393 [OT, II, MM] \Leftrightarrow [**3.1** 2.2 **1.3** - **3.1** 3.2 3.3 - 1.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° id3 - id1 α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1393 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1394 [OT, II, OM] \Leftrightarrow [**3.1** 2.2 **1.3** - **3.1** 3.2 3.3 - 2.1 1.2 **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° id3 - α° α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1394 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ & \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \} \end{aligned}$$

$$\begin{aligned} 1399 \text{ [IT, OI, MM]} & \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ 2.3 - 1.1 \ 1.2 \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \beta^\circ \ \text{id}_2 \ \beta\alpha - \alpha^\circ \beta^\circ \ \beta^\circ \ \beta \ - \text{id}_1 \ \alpha \ \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1399 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ & \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \} \end{aligned}$$

$$\begin{aligned} 1400 \text{ [IT, OI, OM]} & \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ 2.3 - 2.1 \ 1.2 \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \beta^\circ \ \text{id}_2 \ \beta\alpha - \alpha^\circ \beta^\circ \ \beta^\circ \ \beta \ - \alpha^\circ \ \alpha \ \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1400 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv \\ & \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \} \end{aligned}$$

$$\begin{aligned} 1402 \text{ [IT, II, MM]} & \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ 3.3 - 1.1 \ 1.2 \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \beta^\circ \ \text{id}_2 \ \beta\alpha - \alpha^\circ \beta^\circ \ \beta^\circ \ \text{id}_3 - \text{id}_1 \ \alpha \ \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 1402 = & \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle \} \equiv \\ & \{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \} \end{aligned}$$

$$\begin{aligned} 1403 \text{ [IT, II, OM]} & \Leftrightarrow [\mathbf{3.1} \ 2.2 \ \mathbf{1.3} - \mathbf{3.1} \ 3.2 \ 3.3 - 2.1 \ 1.2 \ \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \beta^\circ \ \text{id}_2 \ \beta\alpha - \alpha^\circ \beta^\circ \ \beta^\circ \ \text{id}_3 - \alpha^\circ \ \alpha \ \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1403 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1406 [MT, MI, OO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 3.2 **1.3** – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° $\beta\alpha - \alpha^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1406 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1408 [MT, OI, MO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 3.2 2.3 – 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° $\beta - \alpha^\circ$ id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1408 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1409 [MT, OI, OO] \Leftrightarrow [**3.1** **2.2** 1.3 – **3.1** 3.2 **2.3** – 2.1 **2.2** **2.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° $\beta - \alpha^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1409 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1411 [MT, II, MO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 3.2 3.3 – 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° id3 – α° id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1411 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1412 [MT, II, OO] \Leftrightarrow [**3.1** **2.2** 1.3 – **3.1** 3.2 3.3 – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° id3 – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1412 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1415 [OT, MI, OO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 3.2 **1.3** – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° $\beta\alpha - \alpha^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1415 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1417 [OT, OI, MO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 3.2 2.3 – 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° $\beta - \alpha^\circ$ id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1417 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1418 [OT, OI, OO] \Leftrightarrow [**3.1** **2.2** 1.3 – **3.1** 3.2 **2.3** – 2.1 **2.2** **2.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° $\beta - \alpha^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1418 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1420 [OT, II, MO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 3.2 3.3 – 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° id3 – α° id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1420 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1421 [OT, II, OO] \Leftrightarrow [**3.1** **2.2** 1.3 – **3.1** 3.2 3.3 – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° id3 – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1421 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1423 [IT, MI, MO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 3.2 3.3 – 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° id3 – α° id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1423 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1424 [IT, MI, OO] \Leftrightarrow [**3.1** **2.2** **1.3** – **3.1** 3.2 **1.3** – 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° $\beta\alpha - \alpha^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1424 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1426 [IT, OI, MO] \Leftrightarrow [**3.1** **2.2** **1.3** - **3.1** 3.2 2.3 - 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° $\beta - \alpha^\circ$ id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1426 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1427 [IT, OI, OO] \Leftrightarrow [**3.1** **2.2** 1.3 - **3.1** 3.2 **2.3** - 2.1 **2.2** **2.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° $\beta - \alpha^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1427 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1429 [IT, II, MO] \Leftrightarrow [**3.1** **2.2** **1.3** - **3.1** 3.2 3.3 - 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° id3 - α° id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1429 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1430 [IT, II, OO] \Leftrightarrow [**3.1** **2.2** 1.3 - **3.1** 3.2 3.3 - 2.1 **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ β° id3 - α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1430 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 2.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

2.4.2. Ohne leere Teilmenge

129 [IM, MO, IO] \Leftrightarrow [**3.1** 1.2 **1.3** - 2.1 **2.2** **1.3** - **3.1** **2.2** 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ α $\beta\alpha - \alpha^\circ$ id2 $\beta\alpha - \alpha^\circ \beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 129 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

133 [IM, IO, MO] \Leftrightarrow [**3.1** 1.2 **1.3** - **3.1** **2.2** 2.3 - 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ α $\beta\alpha - \alpha^\circ \beta^\circ$ id2 $\beta - \alpha^\circ$ id2 $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 133 = \{ \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

279 [MO, IM, IO] \Leftrightarrow [2.1 **2.2** **1.3** - **3.1** 1.2 **1.3** - **3.1** **2.2** 2.3]
 \Leftrightarrow [α° id2 $\beta\alpha - \alpha^\circ \beta^\circ$ α $\beta\alpha - \alpha^\circ \beta^\circ$ id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 279 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

295 [IO, IM, MO] \Leftrightarrow [**3.1** **2.2** 2.3 - **3.1** 1.2 **1.3** - 2.1 **2.2** **1.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta - \alpha^\circ \beta^\circ$ α $\beta\alpha - \alpha^\circ$ id2 $\beta\alpha$]

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 295 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
333 \quad [\text{MO}, \text{IO}, \text{IM}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 333 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
345 \quad [\text{IO}, \text{MO}, \text{IM}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 1.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \alpha \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & \mathbf{2.2} & \mathbf{2.1} & 2.3 & 2.2 & 2.1 \\
1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & \mathbf{1.3} & \mathbf{1.2} & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 345 = & \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.2, 2.1, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
385 \quad [\text{MO}, \text{IO}, \text{MI}] & \Leftrightarrow [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccccccccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & \mathbf{3.2} & \mathbf{3.1} \\
2.3 & \mathbf{2.2} & \mathbf{2.1} & \mathbf{2.3} & \mathbf{2.2} & 2.1 & 2.3 & 2.2 & 2.1 \\
\mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 385 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
397 \quad [\text{IO}, \text{MO}, \text{MI}] & \Leftrightarrow [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3}] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 397 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$435 \quad [\text{MO}, \text{MI}, \text{IO}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 435 = \{ \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$451 \quad [\text{IO}, \text{MI}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 451 = \{ \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$597 \quad [\text{MI}, \text{MO}, \text{IO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 597 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$601 \quad [\text{MI}, \text{IO}, \text{MO}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 2.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 601 = \{ \langle 3.3, 2.3, 2.2, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$769 \quad [\text{OM}, \text{OO}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 769 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$770 \quad [\text{OM}, \text{OO}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 770 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$771 \quad [\text{OM}, \text{OO}, \text{IT}] \quad \Leftrightarrow \quad [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 771 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$787 \quad [\text{MM}, \text{OI}, \text{MT}] \quad \Leftrightarrow \quad [1.1 \quad 1.2 \quad \mathbf{1.3} - \mathbf{3.1} \quad 3.2 \quad 2.3 - \mathbf{3.1} \quad 2.2 \quad \mathbf{1.3}]$$

$$\Leftrightarrow \quad [\text{id1} \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 787 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 2.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 823 \quad [\text{OO}, \text{OM}, \text{MT}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 823 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 824 \quad [\text{OO}, \text{OM}, \text{OT}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 824 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 825 \quad [\text{OO}, \text{OM}, \text{IT}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad 2.3 - \mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3}] \\ & \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\begin{aligned} \text{TrTr} \setminus 825 = & \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \\ & \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\ & \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \} \end{aligned}$$

$$\begin{aligned} 877 \quad [\text{OO}, \text{OI}, \text{MT}] & \Leftrightarrow [\mathbf{2.1} \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3] \\ & \Leftrightarrow [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha] \end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 877 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$878 \quad [\text{OO}, \text{OI}, \text{OT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 878 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$879 \quad [\text{OO}, \text{OI}, \text{IT}] \quad \Leftrightarrow \quad [2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 879 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$931 \quad [\text{OI}, \text{OO}, \text{MT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 931 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$932 \quad [\text{OI}, \text{OO}, \text{OT}] \quad \Leftrightarrow \quad [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3] \\ \Leftrightarrow \quad [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 932 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
933 \quad [\text{OI}, \text{OO}, \text{IT}] & \Leftrightarrow [\mathbf{3.1} \quad 3.2 \quad \mathbf{2.3} - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad \mathbf{2.2} \quad 1.3] \\
& \Leftrightarrow [\alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta \quad -\alpha^\circ \quad \text{id2} \quad \beta \quad -\alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & \mathbf{3.2} & \mathbf{3.1} & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} \\
\mathbf{2.3} & 2.2 & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 \\
1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & \mathbf{1.3} & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 933 = & \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
1010 \quad [\text{OM}, \text{MT}, \text{OO}] & \Leftrightarrow [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 1010 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
1013 \quad [\text{OM}, \text{OT}, \text{OO}] & \Leftrightarrow [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

$$\begin{array}{ccc}
3.3 & 3.2 & 3.1 & 3.3 & 3.2 & \mathbf{3.1} & 3.3 & 3.2 & 3.1 \\
2.3 & 2.2 & \mathbf{2.1} & 2.3 & \mathbf{2.2} & 2.1 & \mathbf{2.3} & \mathbf{2.2} & \mathbf{2.1} \\
\mathbf{1.3} & \mathbf{1.2} & 1.1 & \mathbf{1.3} & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
\end{array}$$

$$\begin{aligned}
\text{TrTr} \setminus 1013 = & \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \\
& \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv \\
& \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}
\end{aligned}$$

$$\begin{aligned}
1016 \quad [\text{OM}, \text{IT}, \text{OO}] & \Leftrightarrow [\mathbf{2.1} \quad 1.2 \quad \mathbf{1.3} - 3.1 \quad \mathbf{2.2} \quad \mathbf{1.3} - \mathbf{2.1} \quad \mathbf{2.2} \quad 2.3] \\
& \Leftrightarrow [\alpha^\circ \quad \alpha \quad \beta\alpha - \alpha^\circ \beta^\circ \quad \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta]
\end{aligned}$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1016 = \{ \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1064 [OO, MT, OM] \Leftrightarrow [**2.1** **2.2** 2.3 – 3.1 **2.2** **1.3** – **2.1** 1.2 **1.3**]
 \Leftrightarrow [α° id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1064 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1067 [OO, OT, OM] \Leftrightarrow [**2.1** **2.2** 2.3 – 3.1 **2.2** **1.3** – **2.1** 1.2 **1.3**]
 \Leftrightarrow [α° id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1067 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1070 [OO, IT, OM] \Leftrightarrow [**2.1** **2.2** 2.3 – 3.1 **2.2** **1.3** – **2.1** 1.2 **1.3**]
 \Leftrightarrow [α° id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1070 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle \} \equiv$
 $\{ \text{id}_3, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id}_2, \alpha^\circ, \beta\alpha, \alpha, \text{id}_1 \}$

1118 [OO, MT, OI] \Leftrightarrow [**2.1** **2.2** **2.3** – **3.1** **2.2** 1.3 – **3.1** 3.2 **2.3**]
 \Leftrightarrow [α° id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1118 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1121 [OO, OT, OI] \Leftrightarrow [2.1 **2.2** **2.3** – **3.1** **2.2** 1.3 – **3.1** 3.2 **2.3**]
 \Leftrightarrow [α° id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1121 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1124 [OO, IT, OI] \Leftrightarrow [2.1 **2.2** **2.3** – **3.1** **2.2** 1.3 – **3.1** 3.2 **2.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – $\alpha^\circ \beta^\circ$ β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1124 = \{ \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1172 [OI, MT, OO] \Leftrightarrow [**3.1** 3.2 **2.3** – **3.1** **2.2** 1.3 – 2.1 **2.2** **2.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ β° β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1172 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1175 [OI, OT, OO] \Leftrightarrow [**3.1** 3.2 **2.3** – **3.1** **2.2** 1.3 – 2.1 **2.2** **2.3**]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ β° β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1175 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1178 [OI, IT, OO] \Leftrightarrow [3.1 3.2 2.3 – 3.1 2.2 1.3 – 2.1 2.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ β° β – $\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1178 = \{ \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1247 [MT, OM, OO] \Leftrightarrow [3.1 2.2 1.3 – 2.1 1.2 1.3 – 2.1 2.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1247 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1256 [OT, OM, OO] \Leftrightarrow [3.1 2.2 1.3 – 2.1 1.2 1.3 – 2.1 2.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$\text{TrTr} \setminus 1256 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 2.3, 2.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle \} \equiv$
 $\{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$

1265 [IT, OM, OO] \Leftrightarrow [3.1 2.2 1.3 – 2.1 1.2 1.3 – 2.1 2.2 2.3]
 \Leftrightarrow [$\alpha^\circ \beta^\circ$ id2 $\beta\alpha$ – α° α $\beta\alpha$ – α° id2 β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1265 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1301 [MT, OO, OM] ⇔ [3.1 **2.2** **1.3** - **2.1** **2.2** 2.3 - **2.1** 1.2 **1.3**]
⇔ [α°β° id2 βα - α° id2 β - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1301 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1310 [OT, OO, OM] ⇔ [3.1 **2.2** **1.3** - **2.1** **2.2** 2.3 - **2.1** 1.2 **1.3**]
⇔ [α°β° id2 βα - α° id2 β - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1310 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1319 [IT, OO, OM] ⇔ [3.1 **2.2** **1.3** - **2.1** **2.2** 2.3 - **2.1** 1.2 **1.3**]
⇔ [α°β° id2 βα - α° id2 β - α° α βα]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

TrTr \1319 = {<3.3, 3.2, 2.3, 2.1, 1.2, 1.1>, <3.3, 3.2, 3.1, 1.3, 1.2, 1.1>, <3.3, 3.2, 3.1, 2.3, 2.2, 1.1>} ≡ {id3, β°, α°β°, β, id2, α°, βα, α, id1}

1355 [MT, OO, OI] ⇔ [**3.1** **2.2** 1.3 - 2.1 **2.2** **2.3** - **3.1** 3.2 **2.3**]
⇔ [α°β° id2 βα - α° id2 β - α°β° β° β]

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1355 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

$$1364 \text{ [OT, OO, OI]} \quad \Leftrightarrow \quad [\mathbf{3.1} \quad \mathbf{2.2} \quad 1.3 - 2.1 \quad \mathbf{2.2} \quad \mathbf{2.3} - \mathbf{3.1} \quad 3.2 \quad \mathbf{2.3}]$$

$$\quad \Leftrightarrow \quad [\alpha^\circ \beta^\circ \text{id2} \quad \beta\alpha - \alpha^\circ \quad \text{id2} \quad \beta \quad - \alpha^\circ \beta^\circ \quad \beta^\circ \quad \beta]$$

3.3	3.2	3.1	3.3	3.2	3.1	3.3	3.2	3.1
2.3	2.2	2.1	2.3	2.2	2.1	2.3	2.2	2.1
1.3	1.2	1.1	1.3	1.2	1.1	1.3	1.2	1.1

$$\text{TrTr} \setminus 1364 = \{ \langle 3.3, 3.2, 2.3, 2.1, 1.2, 1.1 \rangle, \langle 3.3, 3.2, 3.1, 1.3, 1.2, 1.1 \rangle, \langle 3.3, 2.2, 2.1, 1.3, 1.2, 1.1 \rangle \} \equiv \{ \text{id3}, \beta^\circ, \alpha^\circ \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1} \}$$

3. Ergebnisse

Wie anfangs dieses Buches angekündigt, gehen wir aus von dem folgenden maximalen semiotischen System:

Maximaler Repräsentationsraum (Semiotisches System):

$$\begin{array}{ccc|ccc|ccc}
 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 & 3.3 & 3.2 & 3.1 \\
 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 & 2.3 & 2.2 & 2.1 \\
 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1 & 1.3 & 1.2 & 1.1
 \end{array} \Bigg\} \equiv$$

$$\begin{array}{ccc|ccc|ccc}
 \text{id3} & \beta^\circ & \alpha^\circ\beta^\circ & \text{id3} & \beta^\circ & \alpha^\circ\beta^\circ & \text{id3} & \beta^\circ & \alpha^\circ\beta^\circ \\
 \beta & \text{id2} & \alpha^\circ & \beta & \text{id2} & \alpha^\circ & \beta & \text{id2} & \alpha^\circ \\
 \beta\alpha & \alpha & \text{id1} & \beta\alpha & \alpha & \text{id1} & \beta\alpha & \alpha & \text{id1}
 \end{array}$$

$$R_{pw} = 108 = 100\%$$

Maximale semiotische Repräsentation wäre demnach dann gegeben, wenn ein Objekt oder Sachverhalt durch die drei Hauptzeichenklassen (3.1 2.1 1.1, 3.2 2.2 1.2, 3.3 2.3 1.3), d.h. sowohl im Mittel- (1.1 1.2 1.3), Objekt- (2.1 2.2 2.3) als auch Interpretantenbezug (3.1 3.2 3.3) vollständig repräsentiert wäre. Dieses wäre strukturell durch das gleichzeitige Aufscheiden der Morphismen α und β , ihre dualen Morphismen (α° , β°), dem komponierten Morphismus ($\beta\alpha$) und dem dualen komponierten Morphismus ($\alpha^\circ\beta^\circ$) sowie natürlich der identischen Morphismen (id1, id2, id3) und masstheoretisch durch den vollständigen semiotischen Repräsentationswert $R_{pw} = 108$ gegeben. Wie unsere Analyse der 1647 möglichen Kombinationen Trichotomischer Triaden aber zeigt, erreicht die Repräsentation semiotischer Fragmente masstheoretisch jedoch bloss rund 25% der Repräsentation des vollständigen semiotischen Systems (und nicht etwa 1/3, wie man aus der Selektion von 1 Zeichenklasse aus einem Verband von 3 Zeichenklassen pro Trichotomischer Triade etwa annehmen könnte). Allerdings ist umgekehrt klar, dass die Rekonstruktion semiotischer Systeme aus ihren Fragmenten auch nur rund einen Viertel der totalen Repräsentationsstruktur benötigt.

Die 1647 semiotischen Fragmente lassen sich nun in genau 20 semiotische Fragment-Typen oder Thematisierungstypen einteilen, die wir im folgenden durch ihre kategorietheoretische sowie ihre kategoriale Struktur und die Angabe der jeweiligen Repräsentationswerte charakterisieren:

1. Semiotischer Fragment-Typ:

$\{\text{id3, id2, } \alpha^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 2.2, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 22 = 20.37\%$

2. Semiotischer Fragment-Typ:

$\{\text{id3, } \beta, \text{id2, } \alpha^\circ, \alpha, \text{id1}\} \equiv \{3.3, 2.3, 2.2, 2.1, 1.2, 1.1\}$
 $R_{pw} = 23 = 21.29\%$

3. Semiotischer Fragment-Typ:

$\{\text{id3, } \beta^\circ, \alpha^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 23 = 21.29\%$

4. Semiotischer Fragment-Typ:

$\{\text{id3, } \beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 2.3, 2.1, 1.2, 1.1\}$
 $R_{pw} = 24 = 22.22\%$

5. Semiotischer Fragment-Typ:

$\{\text{id3, } \beta^\circ, \alpha^\circ\beta^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 3.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 24 = 22.22\%$

6. Semiotischer Fragment-Typ:

$\{\text{id3, } \beta^\circ, \beta, \text{id2, } \alpha^\circ, \text{id1}\} \equiv \{3.3, 3.2, 2.3, 2.2, 2.1, 1.1\}$
 $R_{pw} = 25 = 23.14\%$

7. Semiotischer Fragment-Typ:

$\{\text{id3, } \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 3.1, 2.3, 2.1, 1.1\}$
 $R_{pw} = 25 = 23.14\%$

8. Semiotischer Fragment-Typ:

$\{\text{id3, } \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 3.1, 2.3, 2.1, 1.1\}$
 $R_{pw} = 25 = 23.14\%$

9. Semiotischer Fragment-Typ:

$\{\text{id3, } \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2, id1}\} \equiv \{3.3, 3.2, 3.1, 2.3, 2.2, 1.1\}$
 $R_{pw} = 26 = 24.07\%$

10. Semiotischer Fragment-Typ:

$\{\text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id2}, \alpha^\circ\} \equiv \{3.3, 3.2, 3.1, 2.3, 2.2, 2.1\}$
 $R_{pw} = 27 = 25\%$

11. Semiotischer Fragment-Typ:

$\{\text{id3}, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 2.3, 2.2, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 27 = 25\%$

12. Semiotischer Fragment-Typ:

$\{\text{id3}, \beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 2.2, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 27 = 25\%$

13. Semiotischer Fragment-Typ:

$\{\text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \alpha^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 3.1, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 27 = 25\%$

14. Semiotischer Fragment-Typ:

$\{\text{id3}, \beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 2.3, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 28 = 25.93\%$

15. Semiotischer Fragment-Typ:

$\{\text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 2.3, 2.2, 2.1, 1.2, 1.1\}$
 $R_{pw} = 28 = 25.93\%$

16. Semiotischer Fragment-Typ:

$\{\text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 3.1, 2.2, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 31 = 28.70\%$

17. Semiotischer Fragment-Typ:

$\{\text{id3}, \beta^\circ, \beta, \text{id2}, \alpha^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 2.3, 2.2, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 32 = 29.63\%$

18. Semiotischer Fragment-Typ:

$\{\text{id3}, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \alpha^\circ, \beta\alpha, \alpha, \text{id1}\} \equiv \{3.3, 3.2, 3.1, 2.3, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 32 = 29.63\%$

19. Semiotischer Fragment-Typ:

$\{\text{id}3, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id}2, \alpha^\circ, \alpha, \text{id}1\} \equiv \{3.3, 3.2, 3.1, 2.3, 2.2, 2.1, 1.2, 1.1\}$
 $R_{pw} = 32 = 29.63\%$

20. Semiotischer Fragment-Typ:

$\{\text{id}3, \beta^\circ, \alpha^\circ\beta^\circ, \beta, \text{id}2, \alpha^\circ, \beta\alpha, \alpha, \text{id}1\} \equiv \{3.3, 3.2, 3.1, 2.3, 2.2, 2.1, 1.3, 1.2, 1.1\}$
 $R_{pw} = 36 = 0.33\%$

Die Typen semiotischer Fragmente repräsentieren also die kategorietheoretische und kategoriale Struktur von zwischen 20.37% und 33.33% des Repräsentationswertes des vollständigen semiotischen Systems, wobei der Durchschnitt 25.18% beträgt. Die Selbstähnlichkeitsbedingung wird dabei kategorietheoretisch durch den in allen Repräsentationsschemata auftretenden identischen Morphismus (id3) sowie mindestens einen weiteren identischen Morphismus (id1, id2) und kategorial durch konstantes (3.3) sowie entweder (2.2) oder (1.1) garantiert. Da die drei Subzeichen (3.3, 2.2, 1.1) zugleich die drei Eigenwerte semiotischer Systeme sind (vgl. Toth 2008b) und alle zusammen nur in der Genuinen Kategorienklasse aufscheinen (vgl. Bense 1992, S. 43), (2.2) jedoch auch in der das System der Trichotomischen Triaden determinierenden eigenrealen Zeichenklasse, ergibt sich der Zusammenhang zwischen mathematischer Selbstähnlichkeit und semiotischer Eigenrealität einerseits durch die Genuine Kategorienklasse und andererseits durch die eigenreale Zeichenklasse, wobei allem Anschein nach nicht nur die als Determinante der kleinen semiotischen Matrix fungierende eigenreale Zeichenklasse, sondern auch die als Diskriminante fungierende Genuine Kategorienklasse das System der Trichotomischen Triaden determiniert.

An dieser Stelle mag man sich fragen, wie die prozentualen Verhältnisse fragmentarischer semiotischer Repräsentation aussähen, wenn man, wie in Kap. 1 anhand der semiotischen Korrespondenzen des Sierpinski-Dreiecks angedeutet, die semiotische Inklusionsbedingung (3.a 2.b 1.c mit $a \leq b \leq c$ und $a, b, c \in \{1, 2, 3\}$) aufhebt, d.h. wenn man Zeichenklassen beispielsweise der Form (3.2 2.1 1.1) oder (3.2 2.1 1.2) zulässt. Auf diese Weise erhält man, wie ebenfalls angedeutet, statt der 10 Zeichenklassen, die zur Konstruktion der Trichotomischen Triaden vorausgesetzt wurden, 27 Zeichenklassen. Ferner kann man die semiotische Triadizitätsbedingung aufheben, d.h. statt der konstanten kategorialen Primzeichen von einem Konstruktionsprinzip (a.b c.d e.f mit $a, b, c, d, e, f \in \{1, 2, 3\}$) der Zeichenklassen ausgehen und erhält damit 81 Zeichenklassen. Nur ist dann in beiden Fällen unklar, ob der Begriff der Trichotomischen Triade noch sinnvoll ist, denn im Gegensatz zum System mit 10 Zeichenklassen determiniert ja bei den Systemen mit 27 bzw. 81 Zeichenklassen die eigenreale Zeichenklasse (3.1 2.2 1.3) das System der Trichotomischen Triaden nicht mehr.

Eine weitere nützliche Überlegung könnte darin bestehen, dass man versucht, statt sich auf die in Toth (2003) als monokontextural definierten 10 Zeichenklassen zu beschränken, polykontexturale Zeichenklassen mit negativen Kategorien zuzulassen, d.h. Zeichenklassen der Form (-3.a -2.b -1.c, 3.-a, 2.-b, 1.-c, -3.-a, -2.-b, -1.-c) sowie Mischformen. In diesem Falle wären zwar sowohl die semiotische Inklusions- als auch die Triadizitätsbedingung erfüllt, aber trotzdem bliebe die Frage, ob man etwa die drei Zeichenklassen (3.1 2.1 1.1, 3.-

1, 2.-1, 1.-1 und -3.-1 -2.-1 -1.-1) zu einer Trichotomischen Triaden zusammenfassen dürfte oder nicht. Zusätzliche Komplexität liesse sich einführen, wenn man bei den 27 monokontexturalen Zeichenklassen mit aufgehobener Inklusions- und bei den 81 monokontexturalen Zeichenklassen mit aufgehobener Inklusions- und Triadizitätsbedingung zusätzlich die Positivitätsbedingung der kategorialen Primzeichen aufhebt, d.h. nicht nur aus den 10, sondern auch aus den 27 bzw. 81 Zeichenklassen polykontexturale Zeichenklassen konstruiert.

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