Prof. Dr. Alfred Toth

Vollständiges trajektisches System triadisch-trichotomischer Relationen

1. Im folgenden stellen wir aufgrund von Vorarbeiten (vgl. Toth 2025a-c) das vollständige System der $3^3 = 27$ ternären (triadisch-trichotomischen) semiotischen Relationen in Form von trajektischen Abbildungen der Form

T = (1, 2, 3) | (1, 2, 3)

mit | = R((1, 2, 3), (1, 2, 3))

dar und zerlegen semiotische Relationen dazu nach dem Vorschlag Walthers für Zeichenklassen (vgl. Walther 1979, S. 79) in Kompositionen dyadischer Teilrelationen

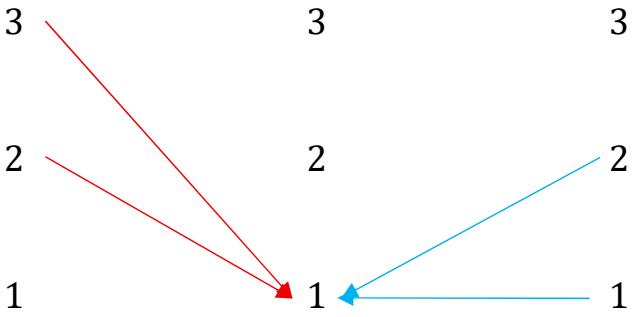
(3.x, 2.y, 1.z) = (3.x → 2.y) ∘ (2.y → 1.z)

(z.1, y.2, x.3) = (z.1 → y.2) ∘ (y.2 → x.3).

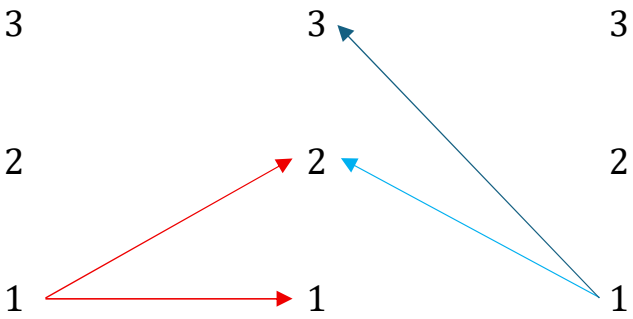
2. Semiotische Relationen

1. Semiotische Relation

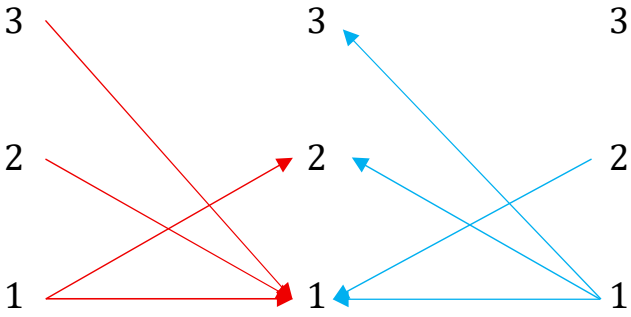
ZKl = (3.1, 2.1, 1.1)



RTh = (1.1, 1.2, 1.3)

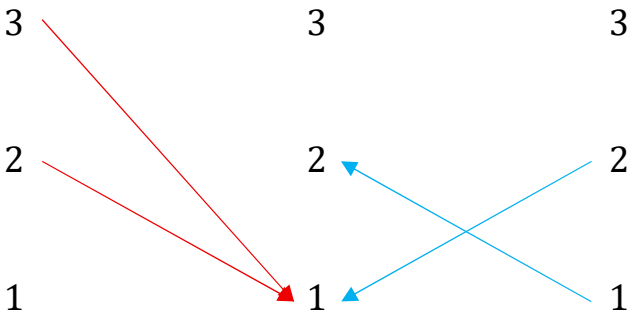


DS = [(3.1, 2.1, 1.1) × (1.1, 1.2, 1.3)]

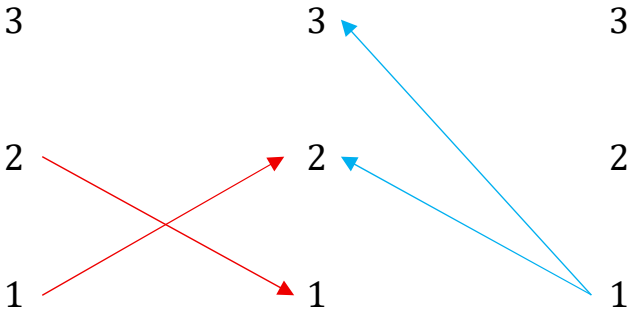


2. Semiotische Relation

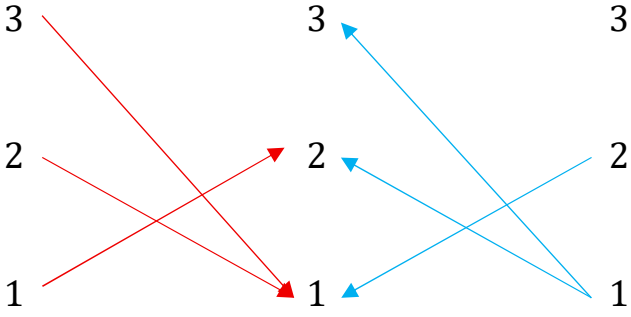
ZKl = (3.1, 2.1, 1.2)



RTh = (2.1, 1.2, 1.3)

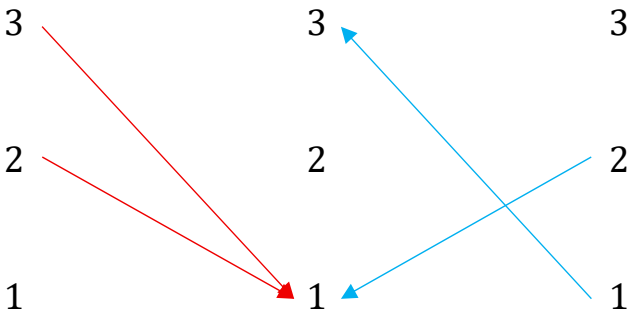


DS = [(3.1, 2.1, 1.2) × (2.1, 1.2, 1.3)]

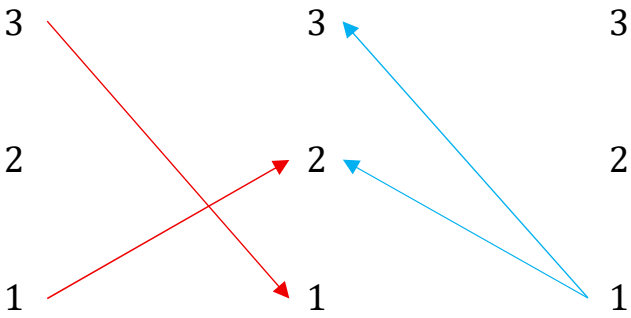


3. Semiotische Relation

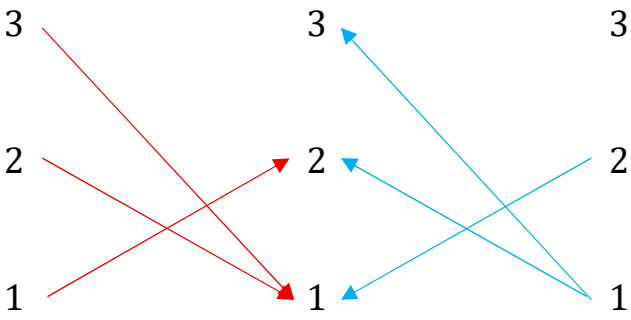
ZKl = (3.1, 2.1, 1.3)



RTh = (3.1, 1.2, 1.3)

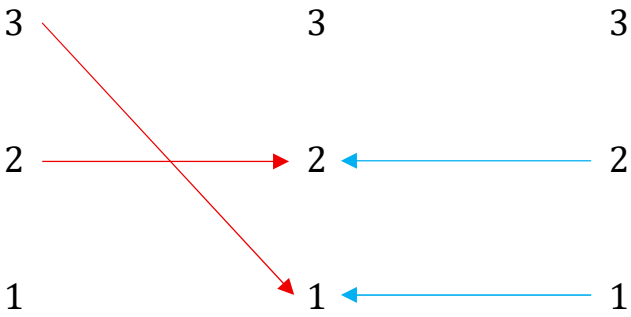


DS = [(3.1, 2.1, 1.3) × (3.1, 1.2, 1.3)]

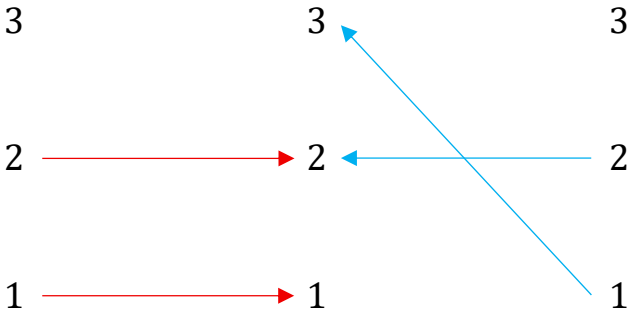


4. Semiotische Relation

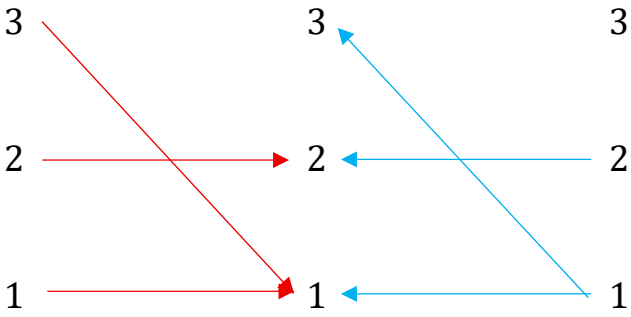
ZKl = (3.1, 2.2, 1.1)



RTh = (1.1, 2.2, 1.3)

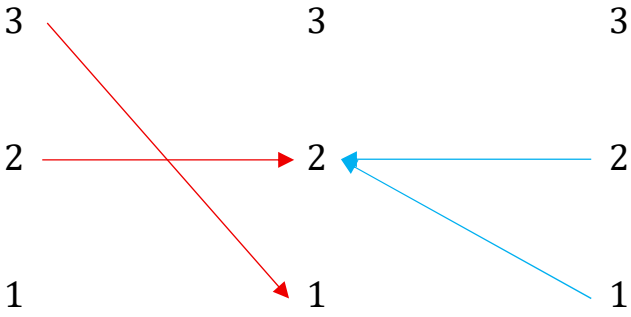


DS = [(3.1, 2.2, 1.1) × (1.1, 2.2, 1.3)]

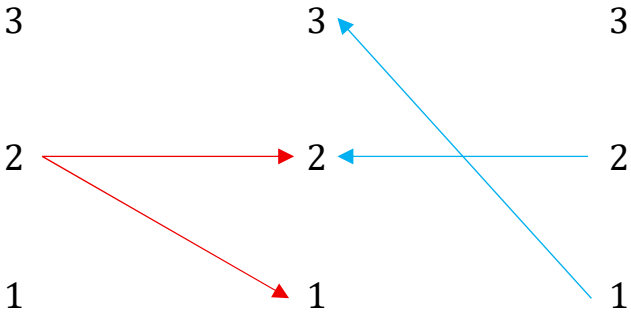


5. Semiotische Relation

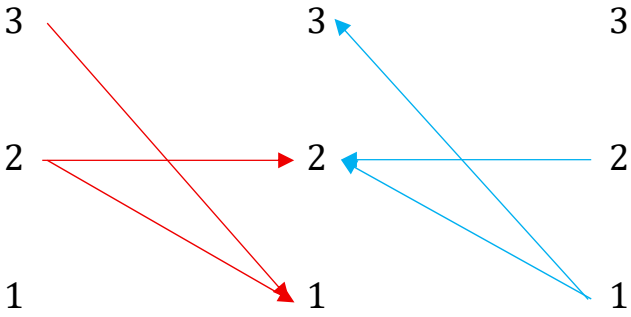
ZKl = (3.1, 2.2, 1.2)



RTh = (2.1, 2.2, 1.3)

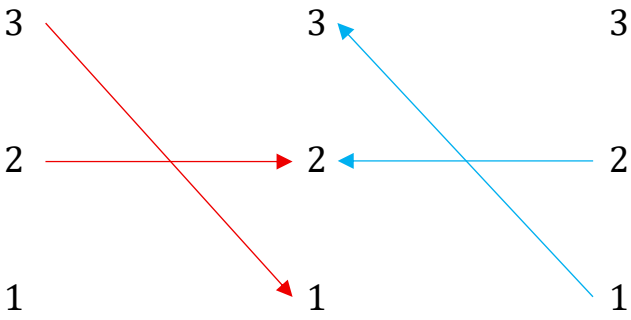


DS = [(3.1, 2.2, 1.2) ×(2.1, 2.2, 1.3)]

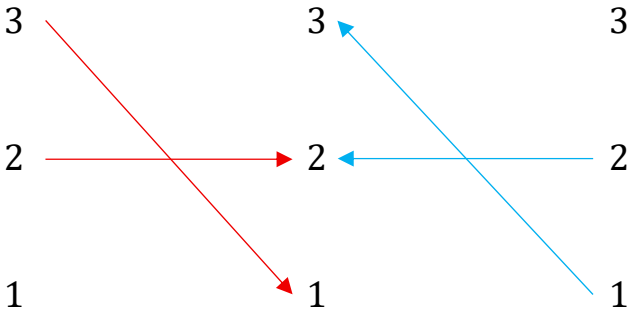


6. Semiotische Relation

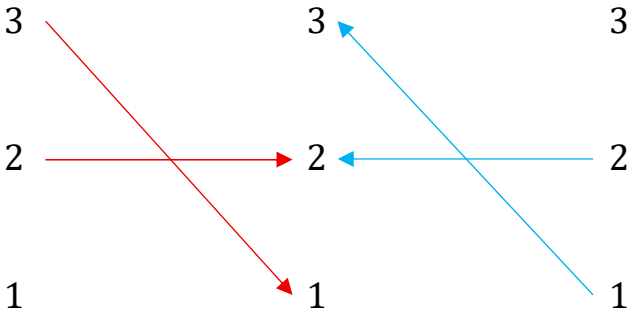
ZKl = (3.1, 2.2, 1.3)



RTh = (3.1, 2.2, 1.3)

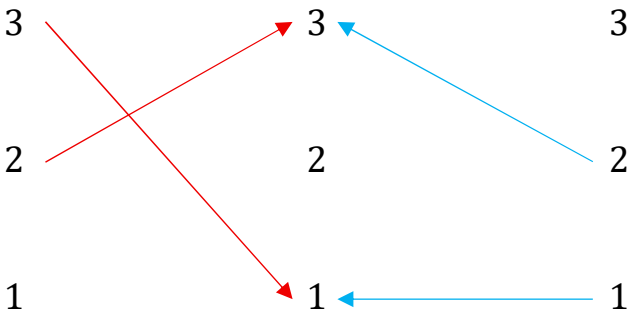


DS = [(3.1, 2.2, 1.3) × (3.1, 2.2, 1.3)]

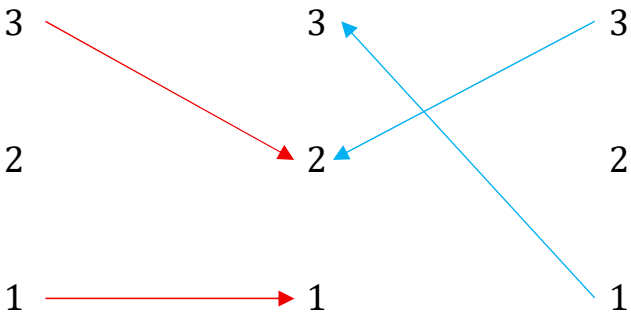


7. Semiotische Relation

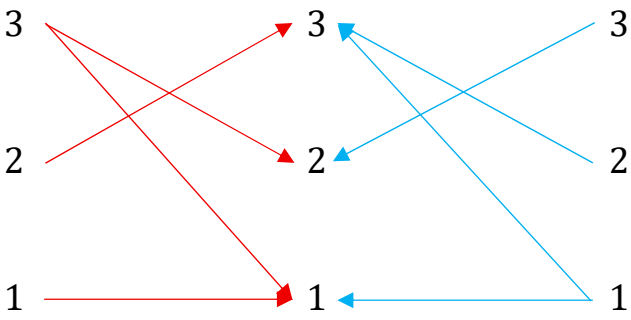
ZKl = (3.1, 2.3, 1.1)



RTh = (1.1, 3.2, 1.3)

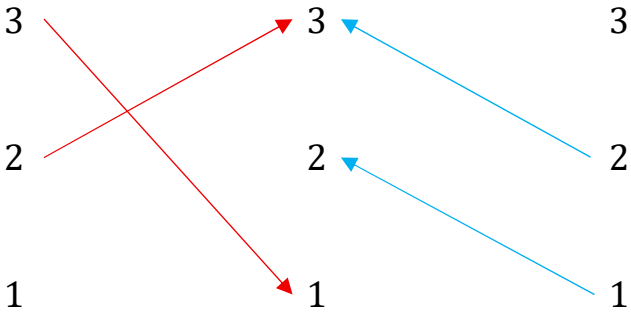


DS = [(3.1, 2.3, 1.1) × (1.1, 3.2, 1.3)]

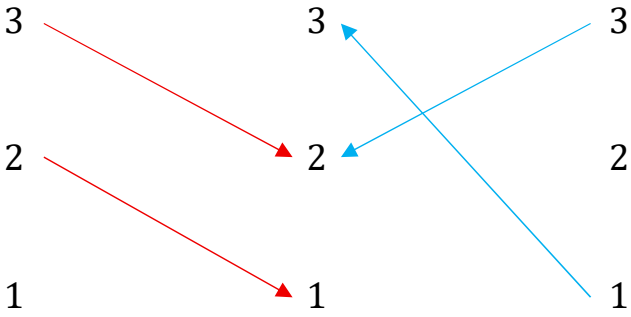


8. Semiotische Relation

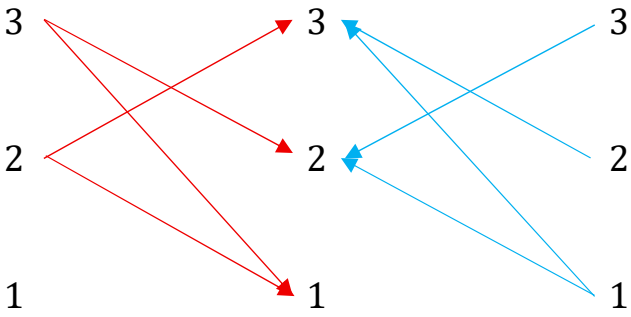
ZKl = (3.1, 2.3, 1.2)



RTh = (2.1, 3.2, 1.3)

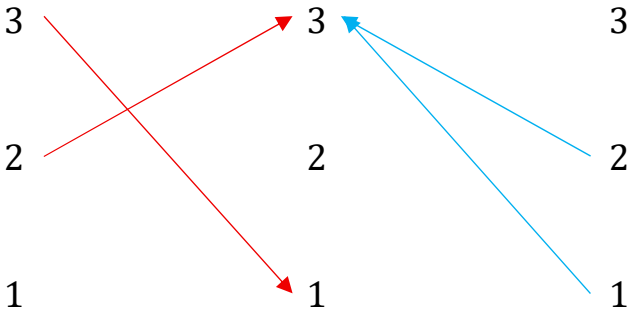


DS = [(3.1, 2.3, 1.2) × (2.1, 3.2, 1.3)]

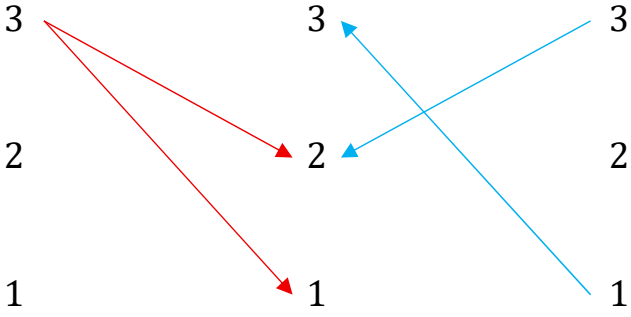


9. Semiotische Relation

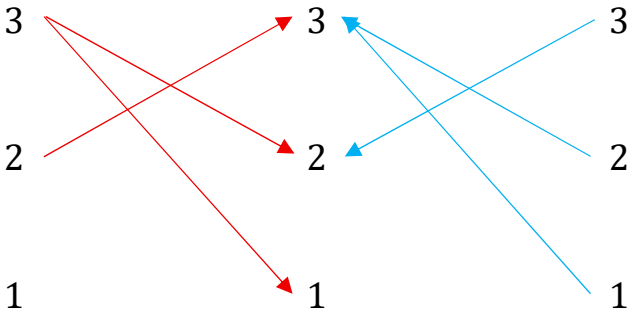
ZKl = (3.1, 2.3, 1.3)



RTh = (3.1, 3.2, 1.3)

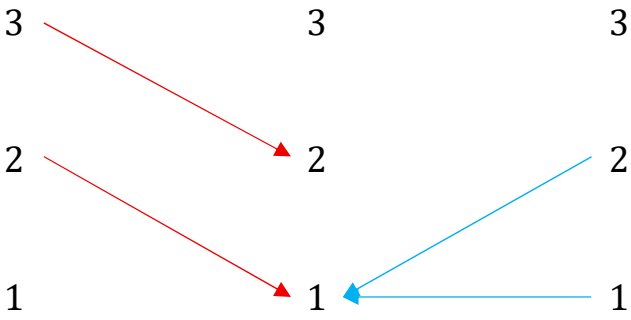


DS = [(3.1, 2.3, 1.3) × (3.1, 3.2, 1.3)]

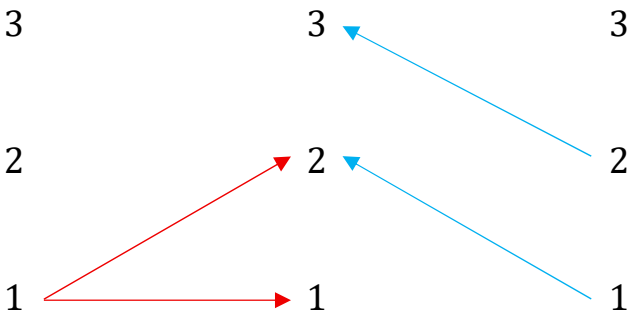


10. Semiotische Relation

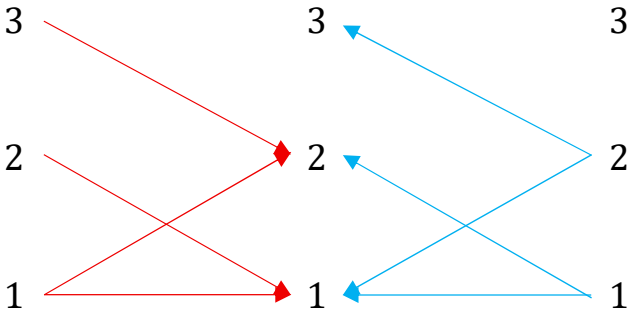
ZKl = (3.2, 2.1, 1.1)



RTh = (1.1, 1.2, 2.3)

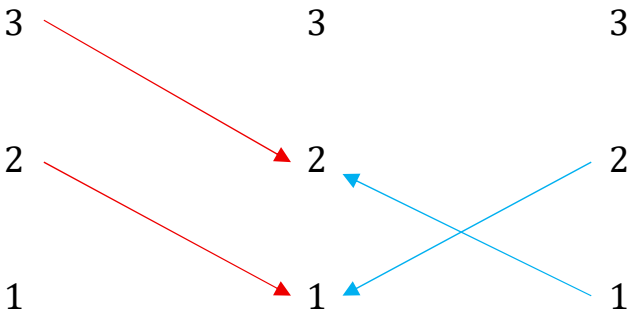


DS = [(3.2, 2.1, 1.1) × (1.1, 1.2, 2.3)]

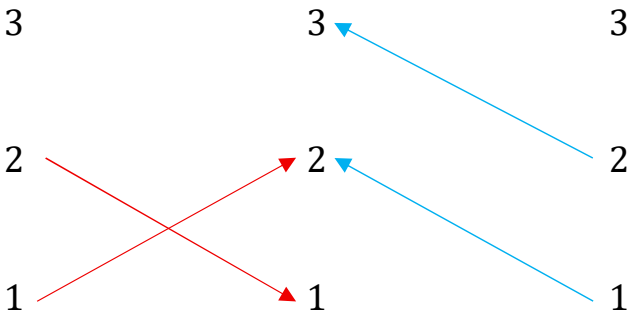


11. Semiotische Relation

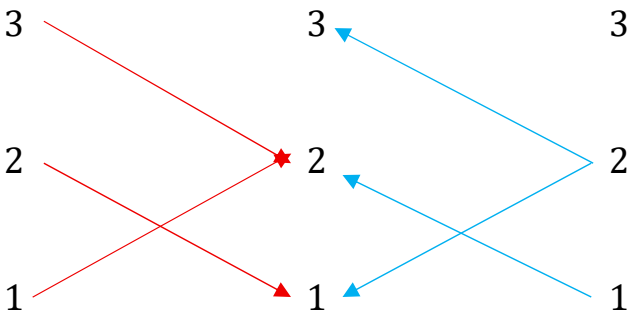
ZKl = (3.2, 2.1, 1.2)



RTh = (2.1, 1.2, 2.3)

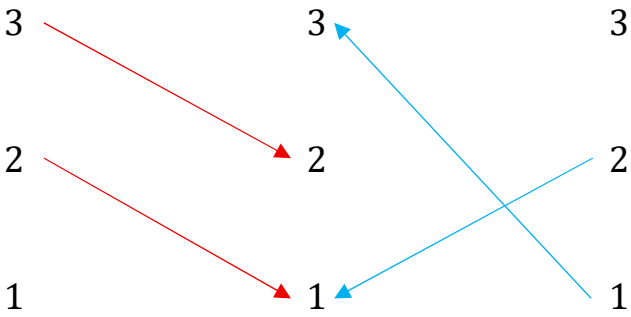


DS = [(3.2, 2.1, 1.2) × (2.1, 1.2, 2.3)]

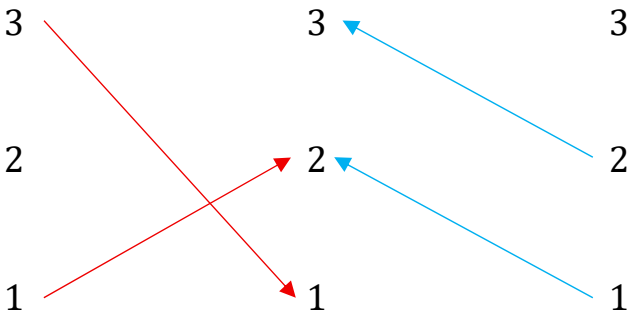


12. Semiotische Relation

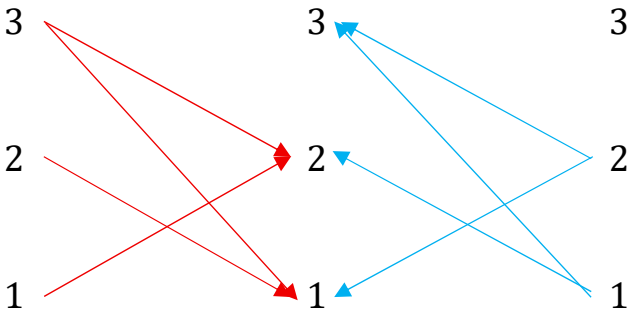
ZKl = (3.2, 2.1, 1.3)



RTh = (3.1, 1.2, 2.3)

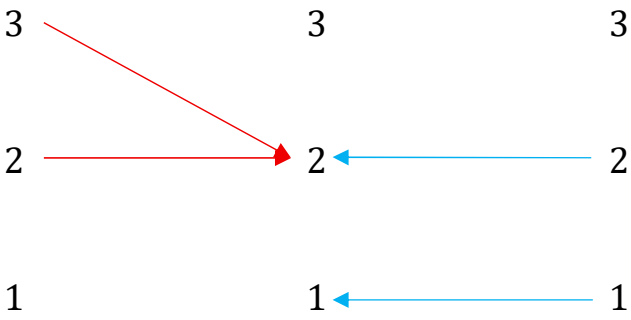


DS = [(3.2, 2.1, 1.3) × (3.1, 1.2, 2.3)]

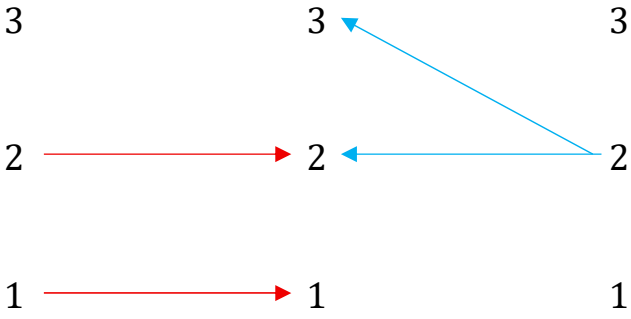


13. Semiotische Relation

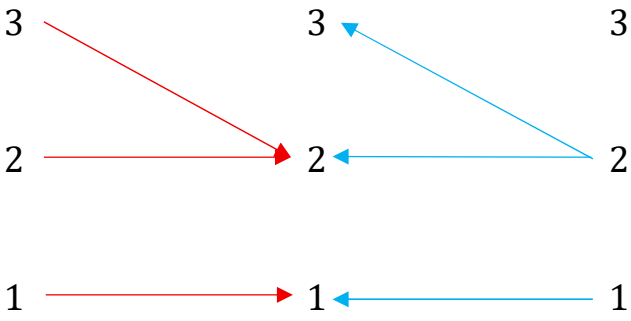
ZKl = (3.2, 2.2, 1.1)



RTh = (1.1, 2.2, 2.3)

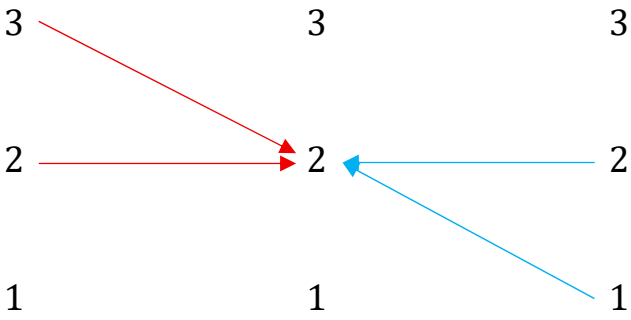


DS = [(3.2, 2.2, 1.1) × (1.1, 2.2, 2.3)]

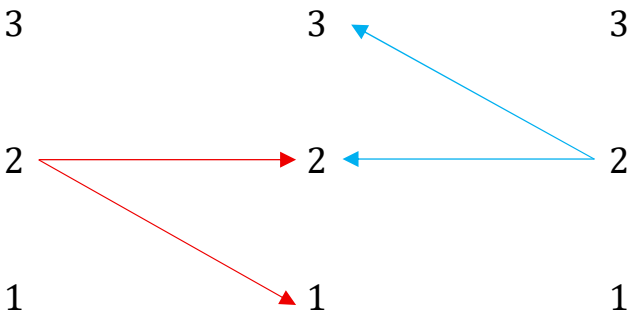


14. Semiotische Relation

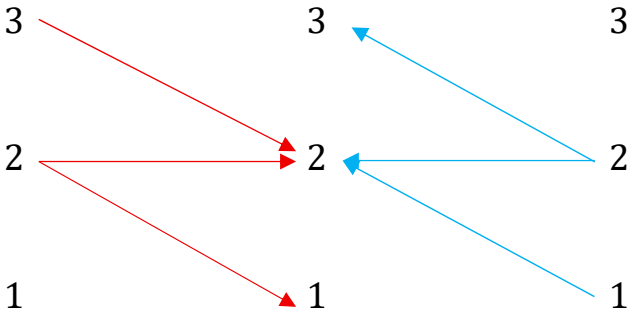
ZKl = (3.2, 2.2, 1.2)



RTh = (2.1, 2.2, 2.3)

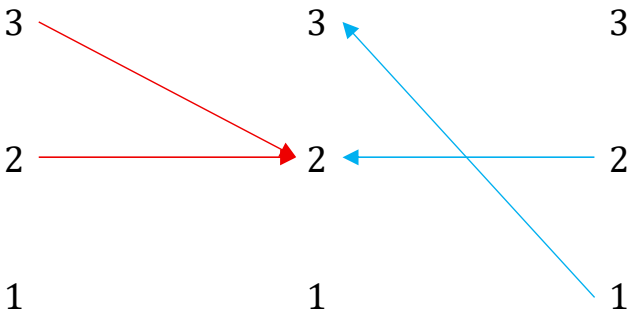


DS = [(3.2, 2.2, 1.2) × (2.1, 2.2, 2.3)]

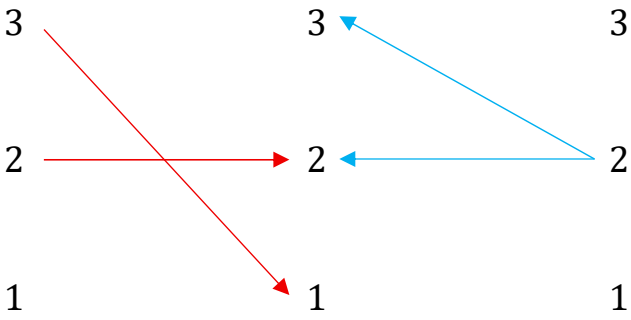


15. Semiotische Relation

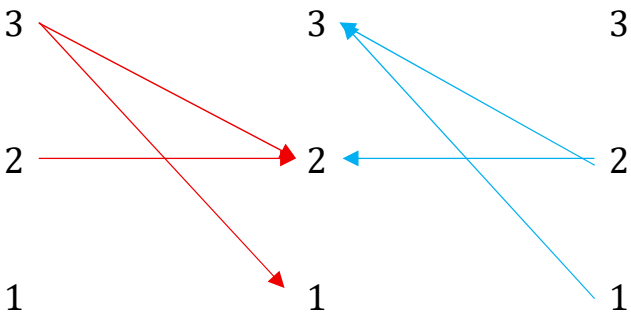
ZKl = (3.2, 2.2, 1.3)



RTh = (3.1, 2.2, 2.3)

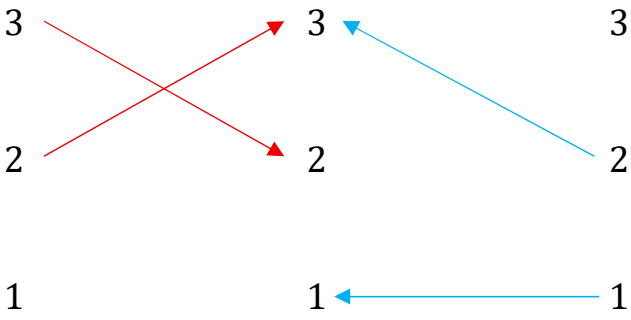


DS = [(3.2, 2.2, 1.3) × (3.1, 2.2, 2.3)]

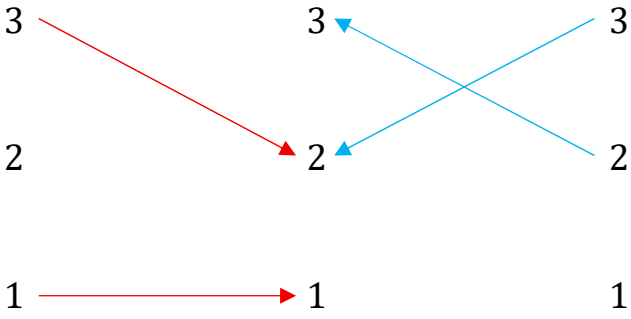


16. Semiotische Relation

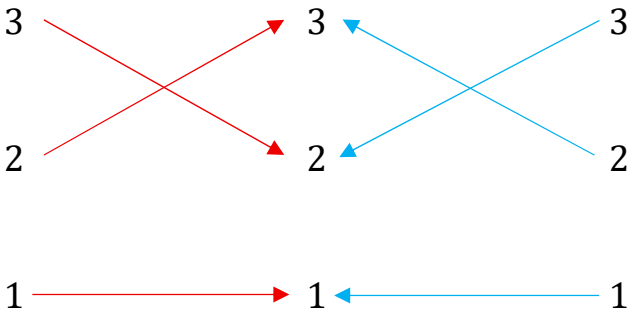
ZKl = (3.2, 2.3, 1.1)



RTh = (1.1, 3.2, 2.3)

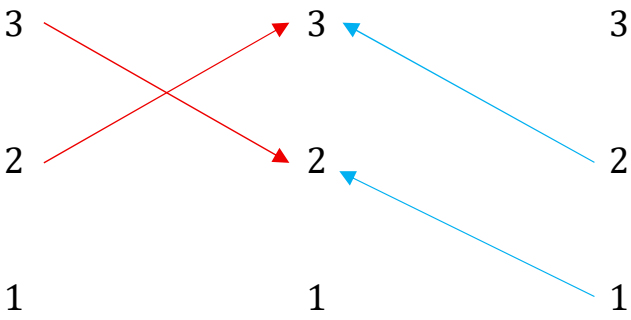


DS = [(3.2, 2.3, 1.1) × (1.1, 3.2, 2.3)]

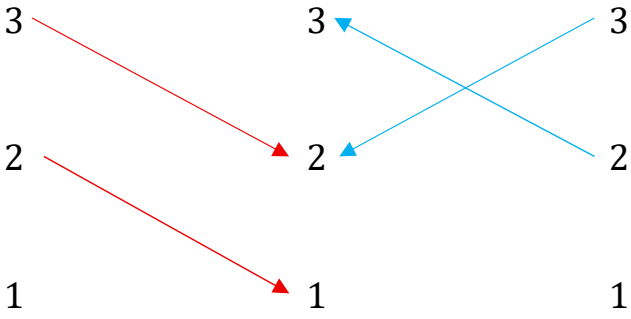


17. Semiotische Relation

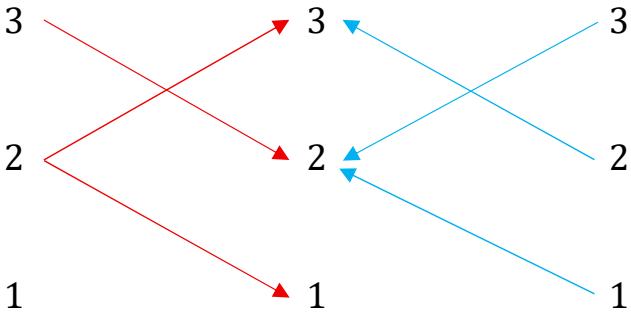
ZKl = (3.2, 2.3, 1.2)



RTh = (2.1, 3.2, 2.3)

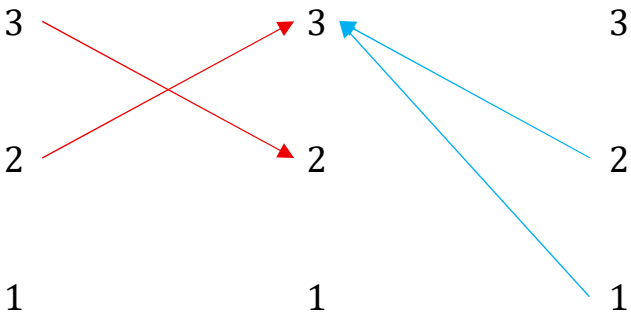


DS = [(3.2, 2.3, 1.2) × (2.1, 3.2, 2.3)]

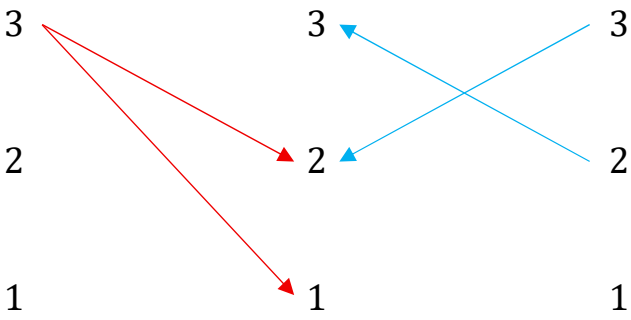


18. Semiotische Relation

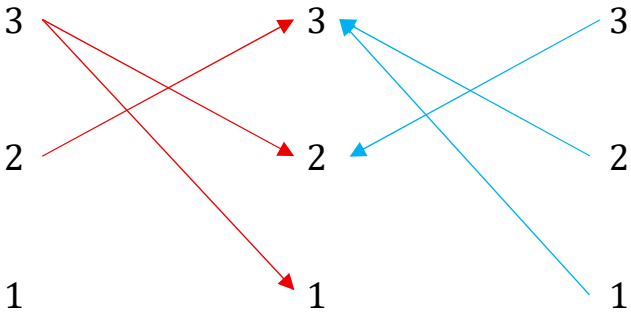
ZKl = (3.2, 2.3, 1.3)



RTh = (3.1, 3.2, 2.3)

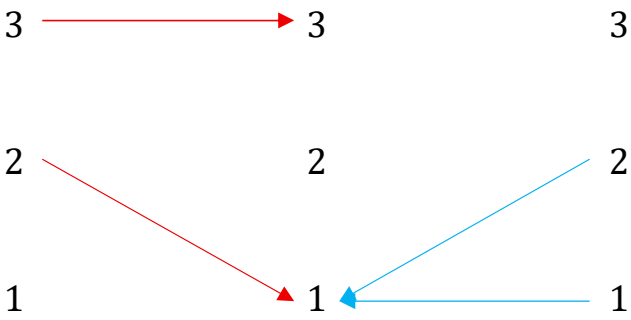


DS = [(3.2, 2.3, 1.3) × (3.1, 3.2, 2.3)]

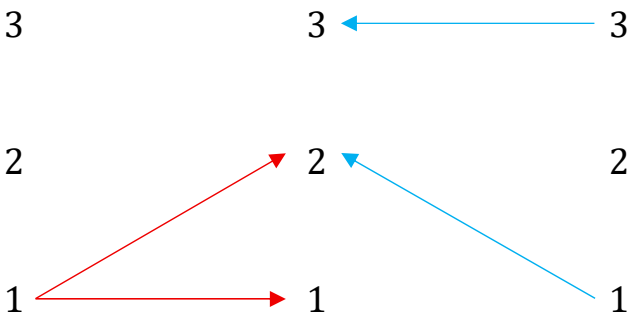


19. Semiotische Relation

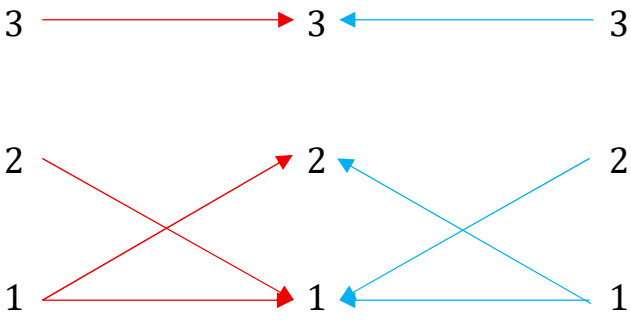
ZKl = (3.3, 2.1, 1.1)



RTh = (1.1, 1.2, 3.3)

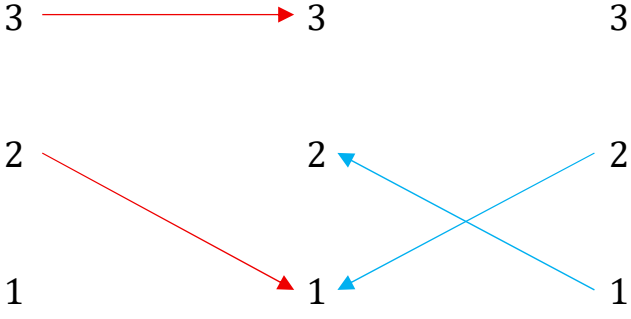


DS = [(3.3, 2.1, 1.1) × (1.1, 1.2, 3.3)]

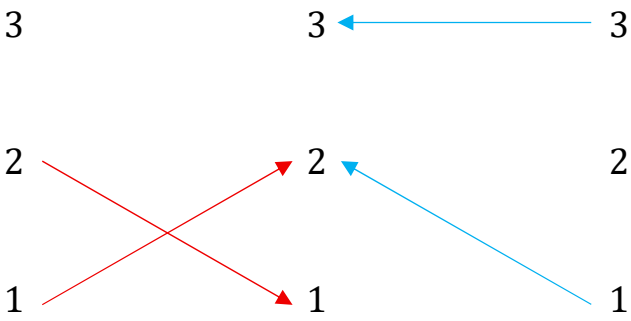


20. Semiotische Relation

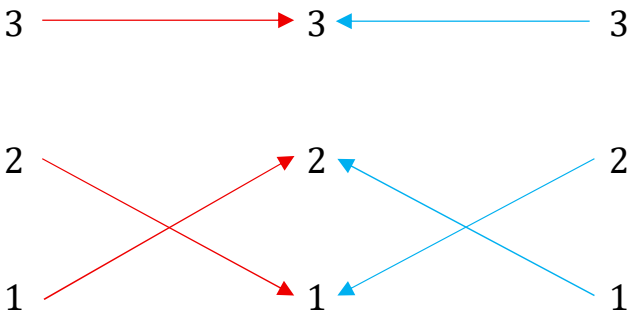
ZKl = (3.3, 2.1, 1.2)



RTh = (2.1, 1.2, 3.3)

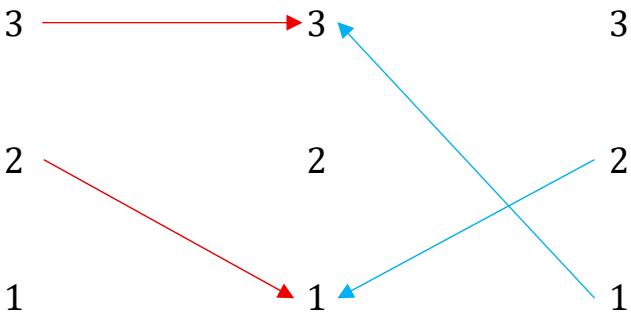


DS = [(3.3, 2.1, 1.2) × (2.1, 1.2, 3.3)]

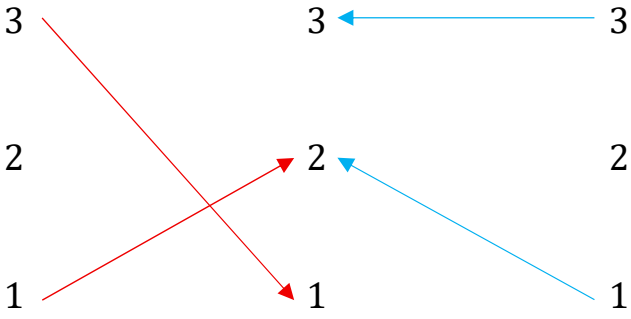


21. Semiotische Relation

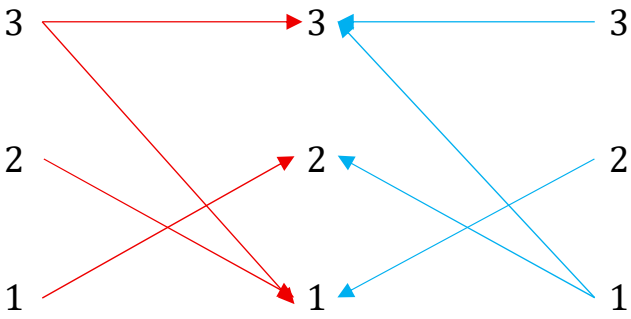
ZKl = (3.3, 2.1, 1.3)



RTh = (3.1, 1.2, 3.3)

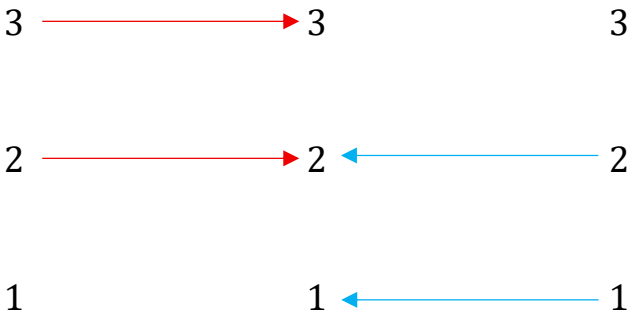


DS = [(3.3, 2.1, 1.3) × (3.1, 1.2, 3.3)]

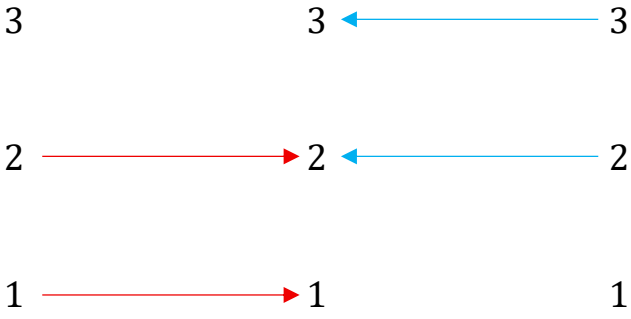


22. Semiotische Relation

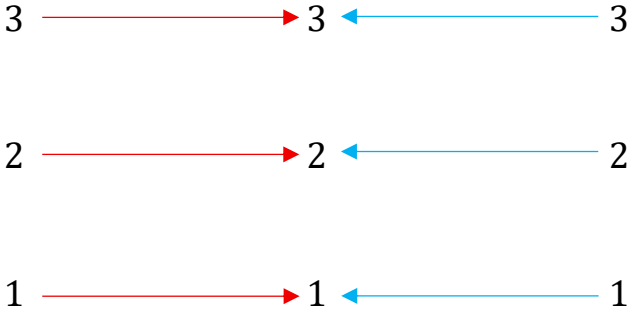
ZKl = (3.3, 2.2, 1.1)



RTh = (1.1, 2.2, 3.3)

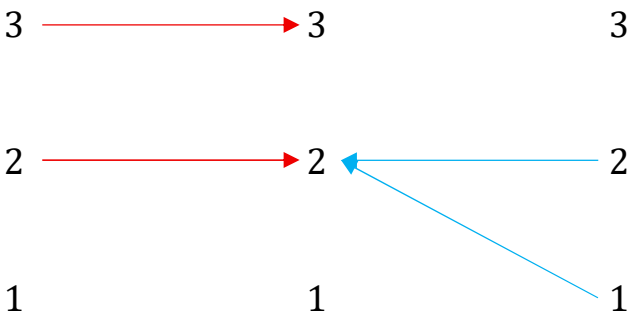


DS = [(3.3, 2.2, 1.1) × (1.1, 2.2, 3.3)]

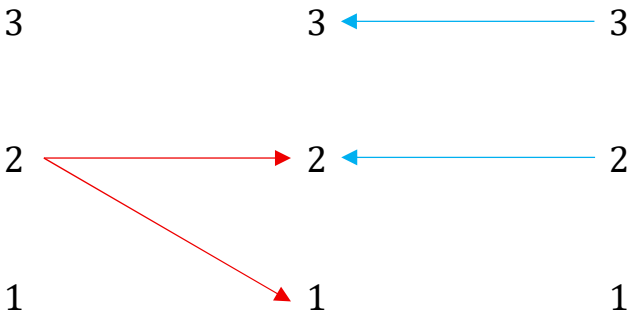


23. Semiotische Relation

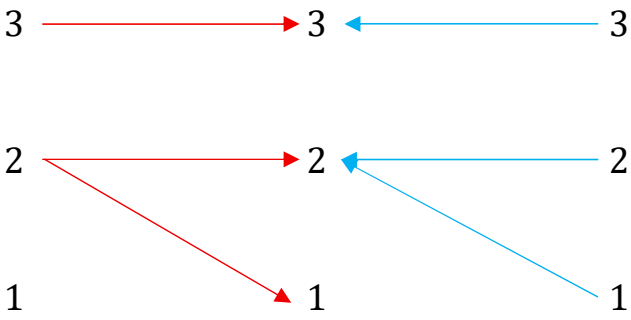
ZKl = (3.3, 2.2, 1.2)



RTh = (2.1, 2.2, 3.3)

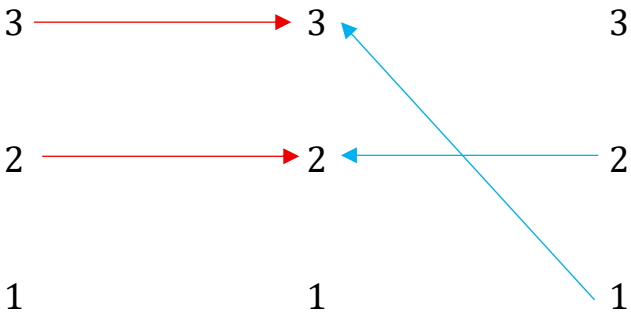


DS = [(3.3, 2.2, 1.2) × (2.1, 2.2, 3.3)]

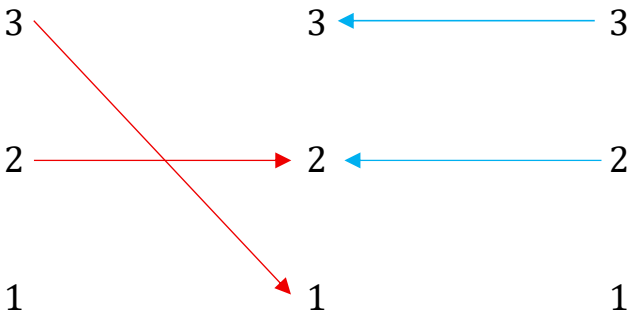


24. Semiotische Relation

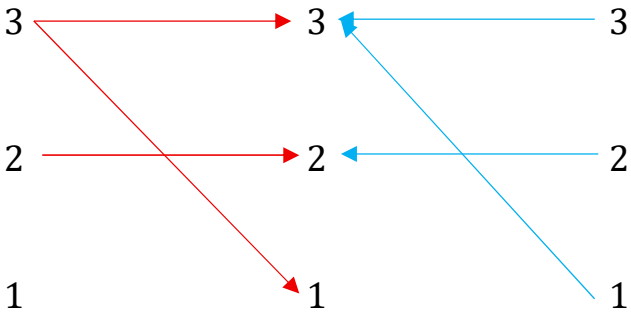
ZKl = (3.3, 2.2, 1.3)



RTh = (3.1, 2.2, 3.3)

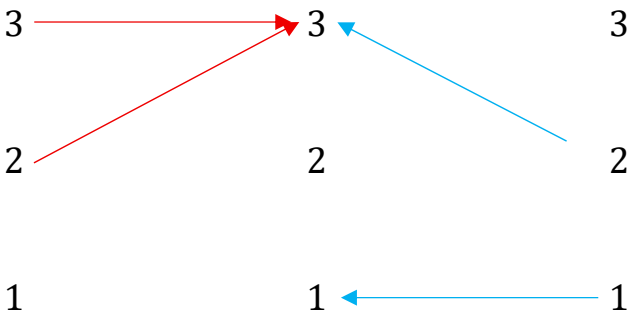


DS = [(3.3, 2.2, 1.3) × (3.1, 2.2, 3.3)]

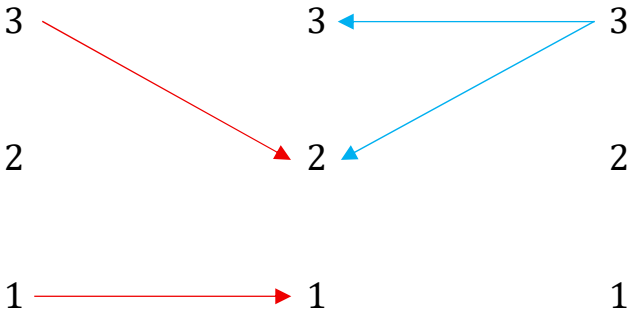


25. Semiotische Relation

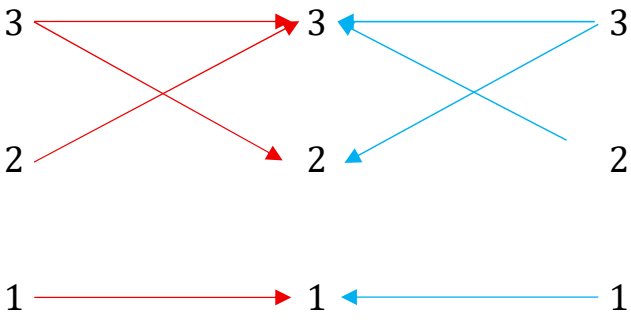
ZKl = (3.3, 2.3, 1.1)



RTh = (1.1, 3.2, 3.3)

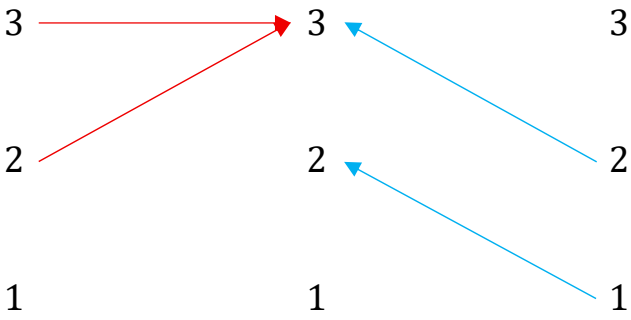


DS = [(3.3, 2.3, 1.1) × (1.1, 3.2, 3.3)]

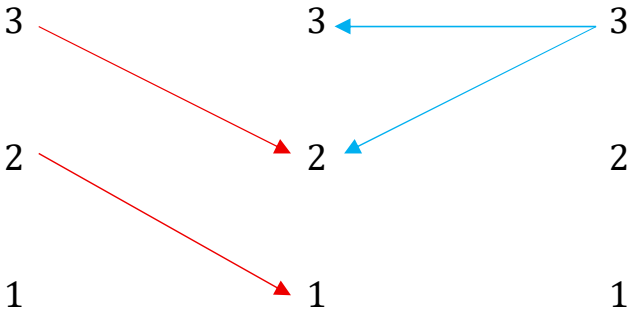


26. Semiotische Relation

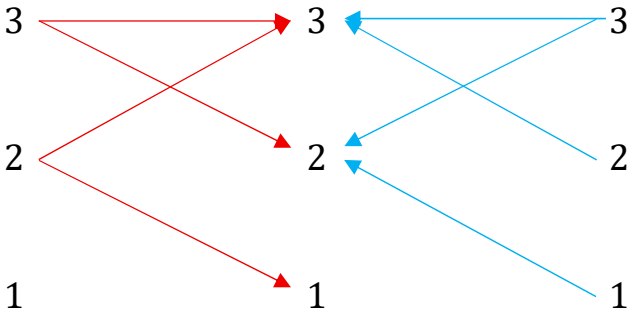
ZKl = (3.3, 2.3, 1.2)



RTh = (2.1, 3.2, 3.3)

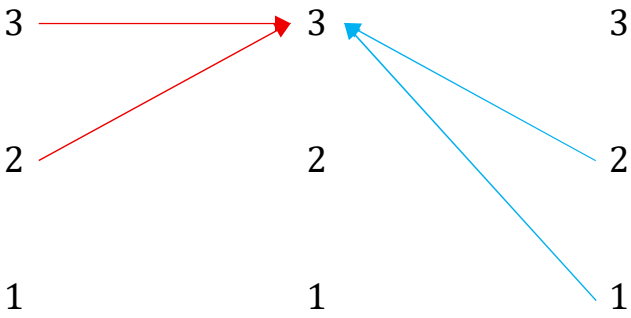


DS = [(3.3, 2.3, 1.2) × (2.1, 3.2, 3.3)]

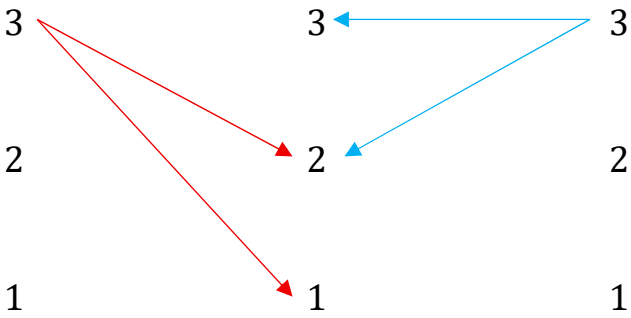


27. Semiotische Relation

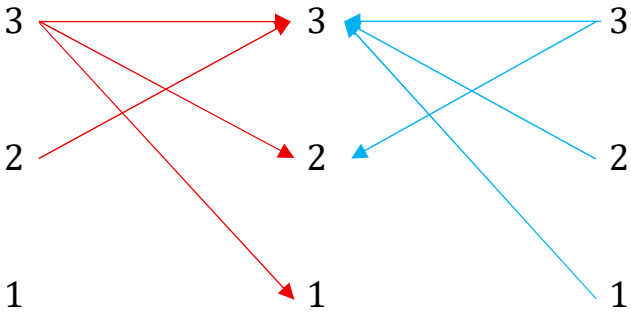
ZKl = (3.3, 2.3, 1.3)



RTh = (3.1, 3.2, 3.3)



DS = [(3.3, 2.3, 1.3) × (3.1, 3.2, 3.3)]



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