

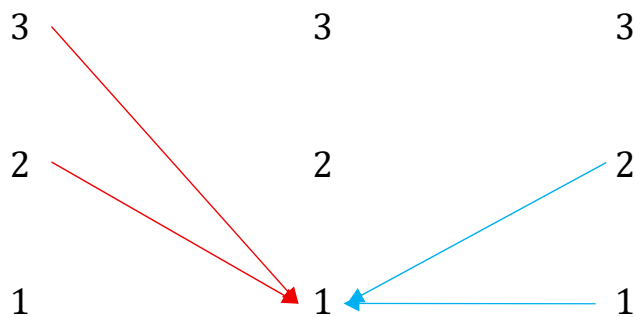
Trajektische semiotische Simplexsysteme

1. Max Bense hatte Simplizialkomplexe aus der algebraischen Topologie zur Differenzierung von Zeichenzusammenhängen in die Semiotik eingeführt (vgl. Bense 1975, S. 78 ff.). Im folgenden wenden wir das Konzept des Simplex auf die in Toth (2025) als trajektische Relationen dargestellten Zeichenklassen und ihre dualen Realitätsthematiken an und unterscheiden zwischen monadischen, dyadischen und triadischen Simplexsystemen.

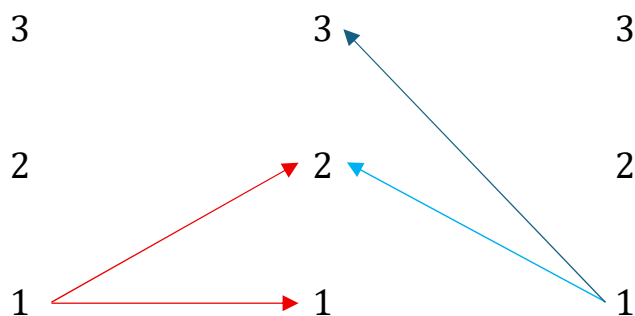
2. Monadische Simplexsysteme

1. Semiotische Relation

$$\text{ZKl} = (3.1, 2.1, 1.1)$$

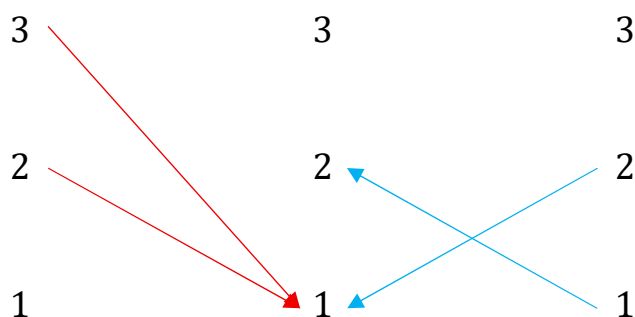


$$\text{RTh} = (1.1, 1.2, 1.3)$$

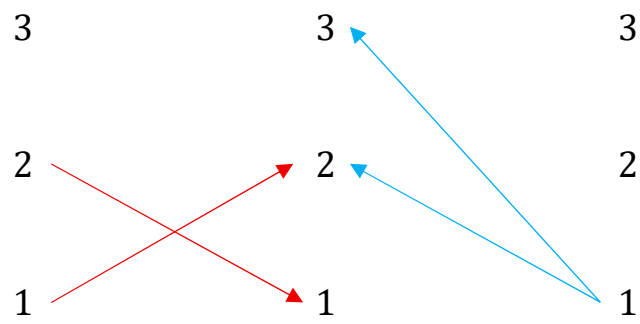


2. Semiotische Relation

$$\text{ZKl} = (3.1, 2.1, 1.2)$$

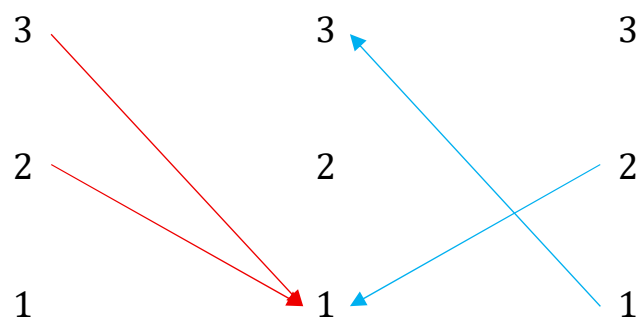


RTh = (2.1, 1.2, 1.3)

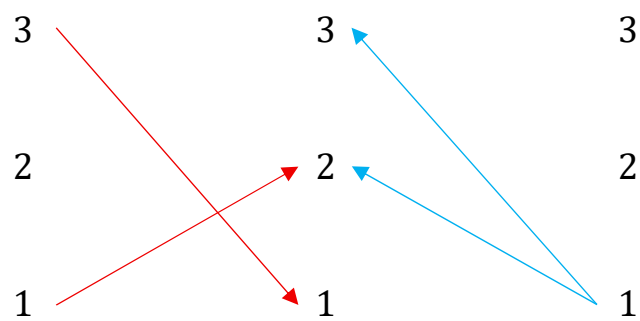


3. Semiotische Relation

ZKl = (3.1, 2.1, 1.3)

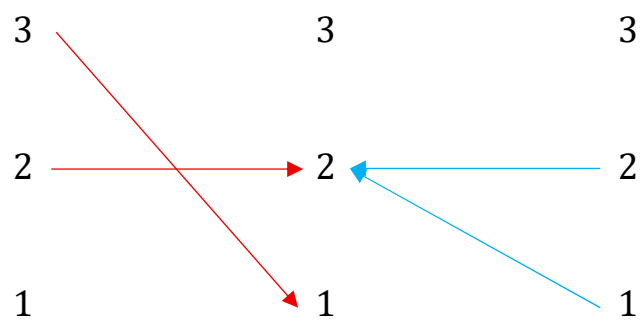


RTh = (3.1, 1.2, 1.3)

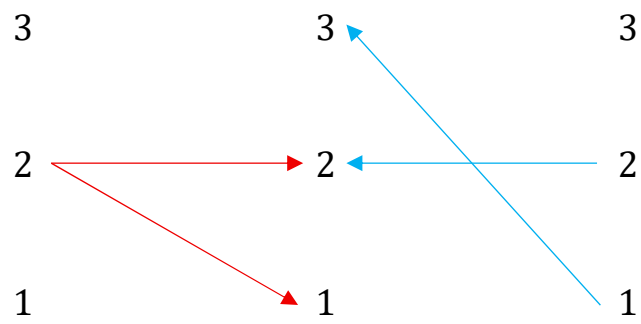


5. Semiotische Relation

ZKl = (3.1, 2.2, 1.2)

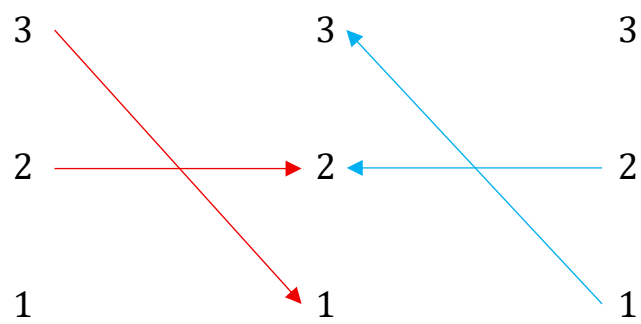


RTh = (2.1, 2.2, 1.3)

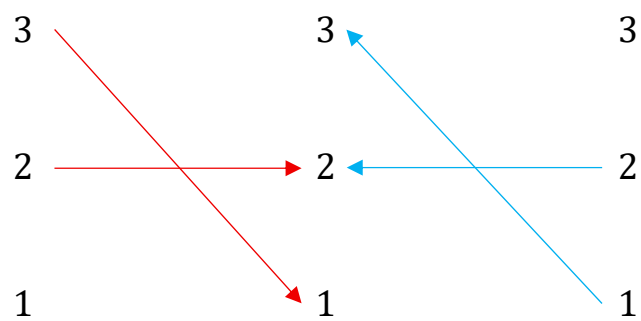


6. Semiotische Relation

ZKl = (3.1, 2.2, 1.3)

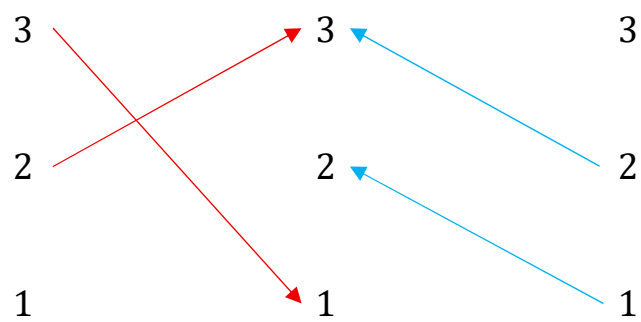


RTh = (3.1, 2.2, 1.3)

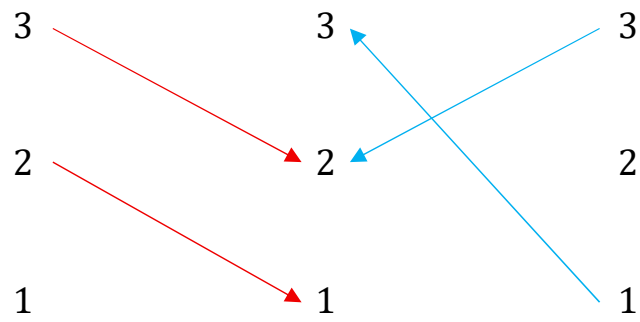


8. Semiotische Relation

ZKl = (3.1, 2.3, 1.2)

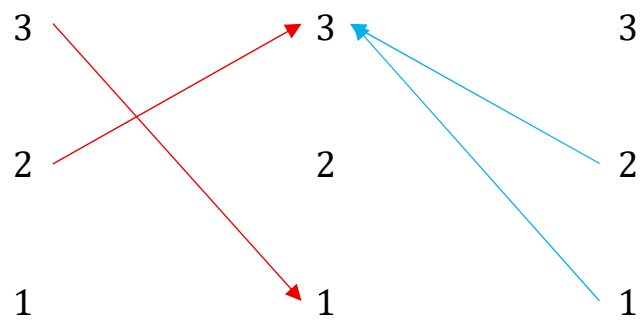


RTh = (2.1, 3.2, 1.3)

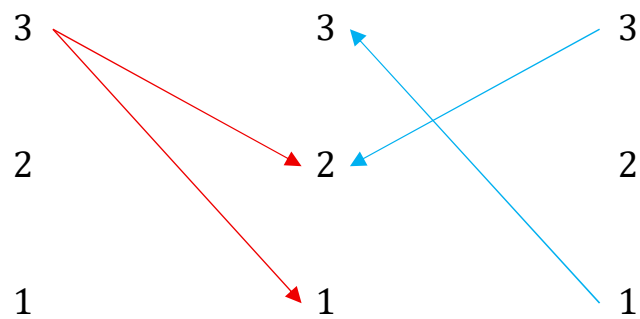


9. Semiotische Relation

ZKl = (3.1, 2.3, 1.3)

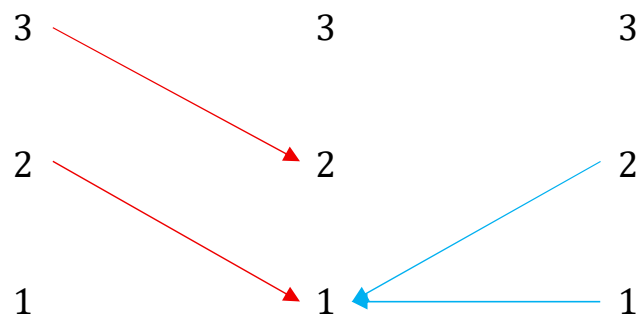


RTh = (3.1, 3.2, 1.3)

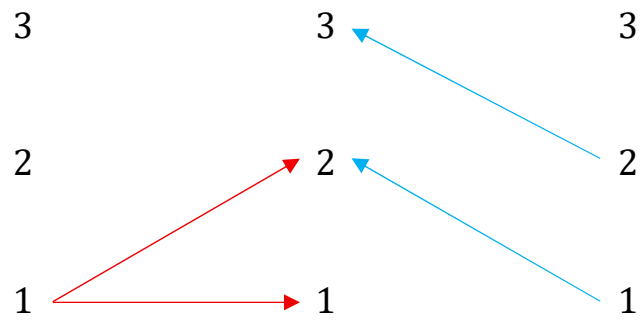


10. Semiotische Relation

ZKl = (3.2, 2.1, 1.1)

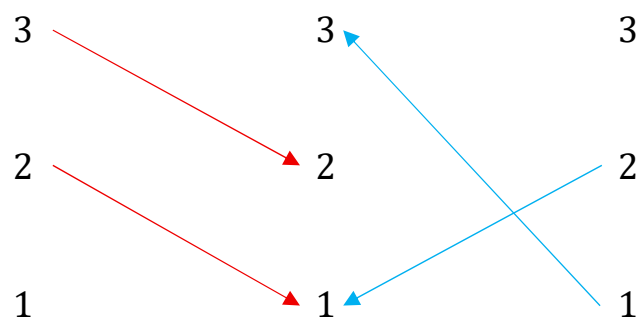


RTh = (1.1, 1.2, 2.3)

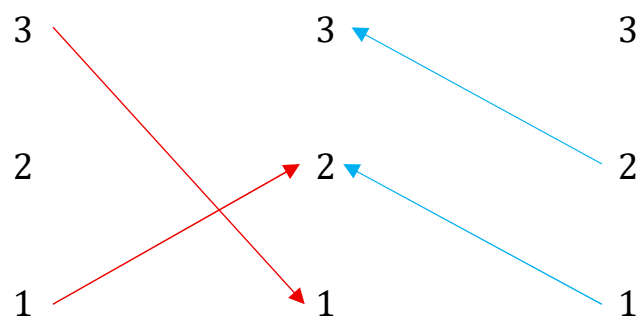


12. Semiotische Relation

ZKl = (3.2, 2.1, 1.3)

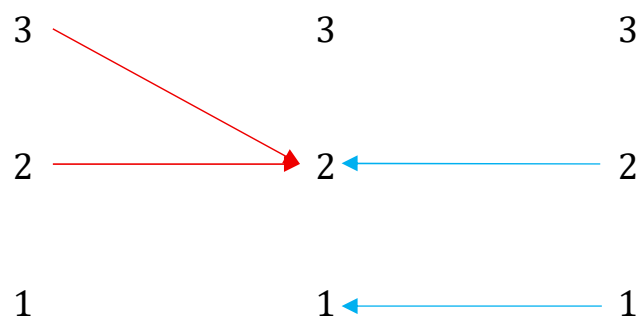


RTh = (3.1, 1.2, 2.3)

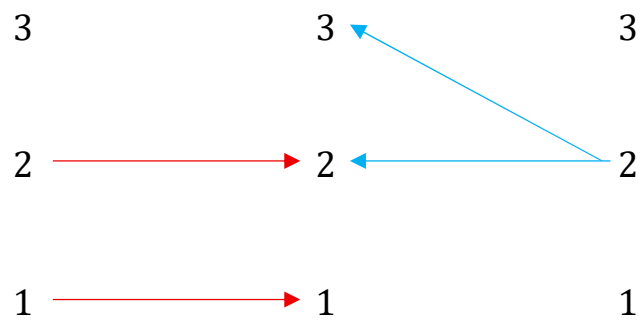


13. Semiotische Relation

ZKl = (3.2, 2.2, 1.1)

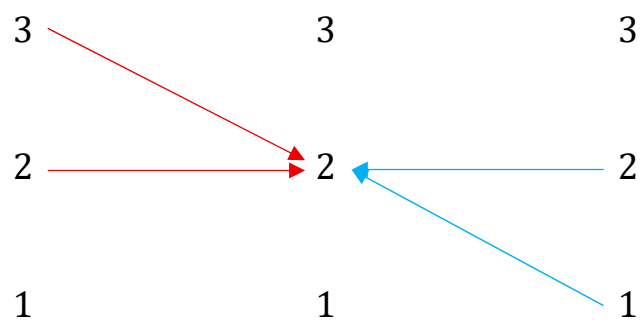


RTh = (1.1, 2.2, 2.3)

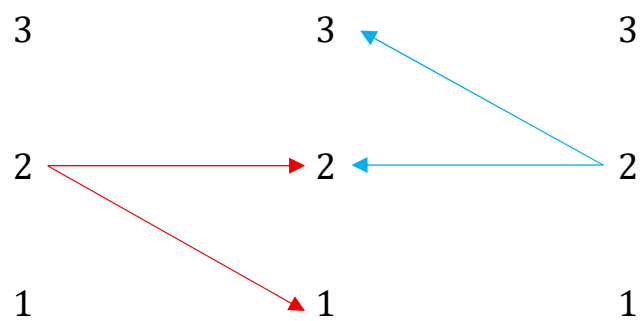


14. Semiotische Relation

ZKl = (3.2, 2.2, 1.2)

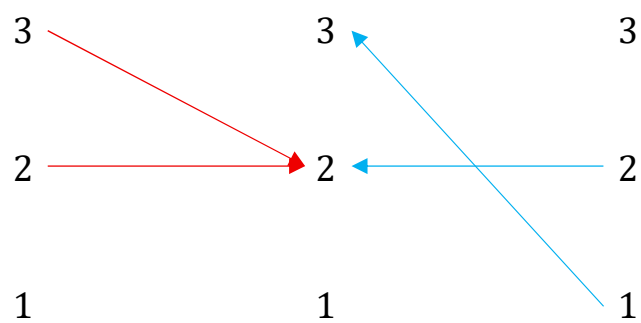


RTh = (2.1, 2.2, 2.3)

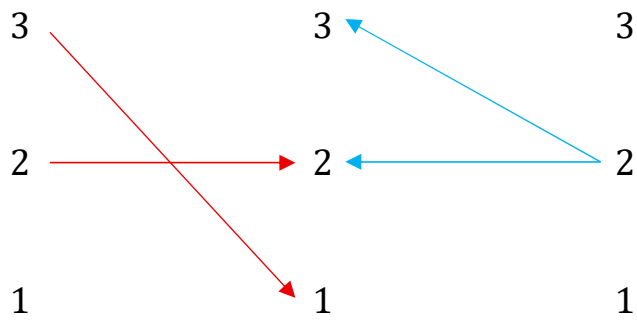


15. Semiotische Relation

ZKl = (3.2, 2.2, 1.3)

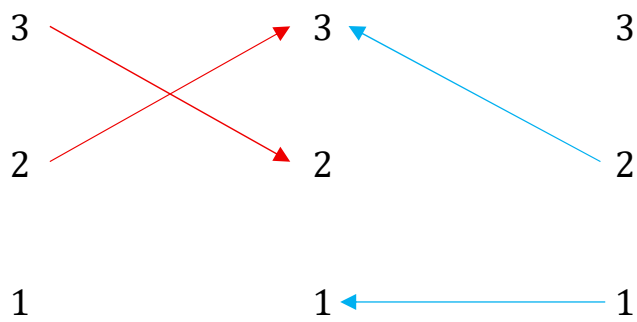


RTh = (3.1, 2.2, 2.3)

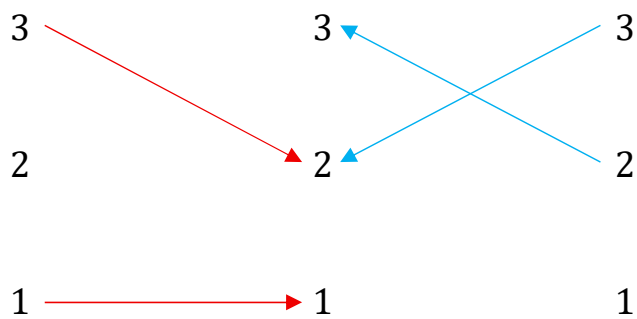


16. Semiotische Relation

ZKl = (3.2, 2.3, 1.1)

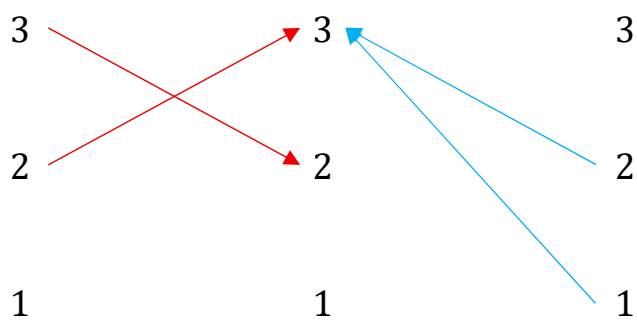


RTh = (1.1, 3.2, 2.3)

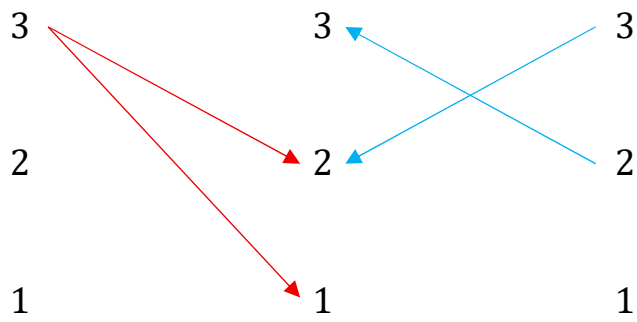


18. Semiotische Relation

ZKl = (3.2, 2.3, 1.3)

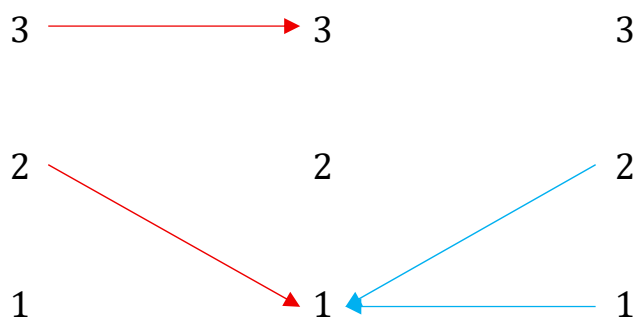


RTh = (3.1, 3.2, 2.3)

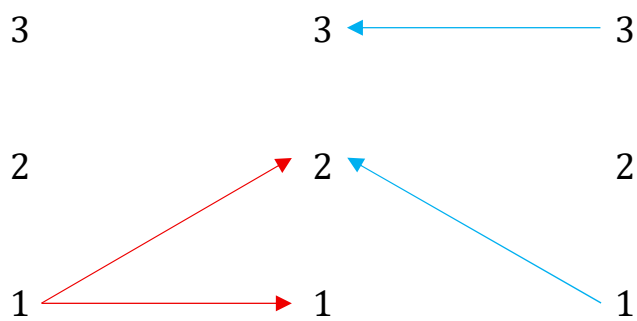


19. Semiotische Relation

ZKl = (3.3, 2.1, 1.1)

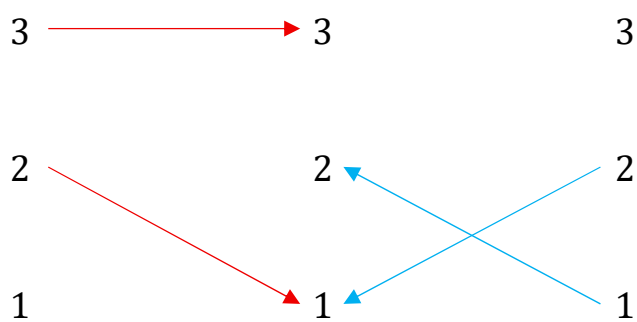


RTh = (1.1, 1.2, 3.3)

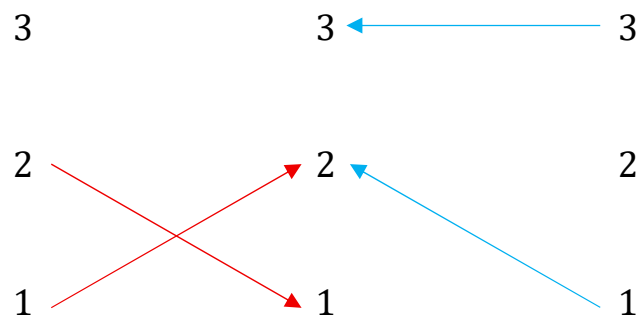


20. Semiotische Relation

ZKl = (3.3, 2.1, 1.2)

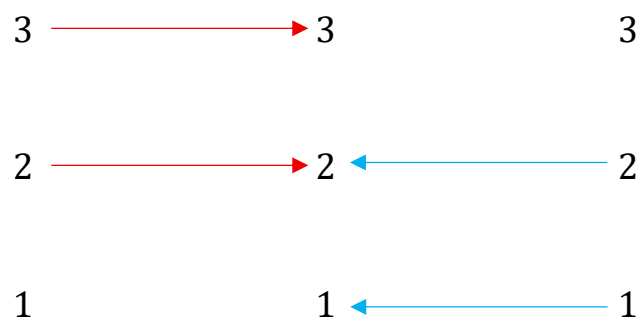


RTh = (2.1, 1.2, 3.3)

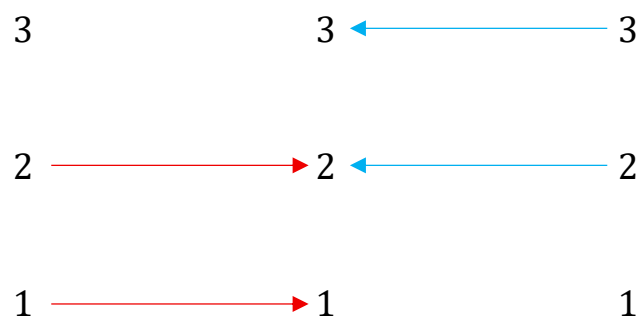


22. Semiotische Relation

ZKl = (3.3, 2.2, 1.1)

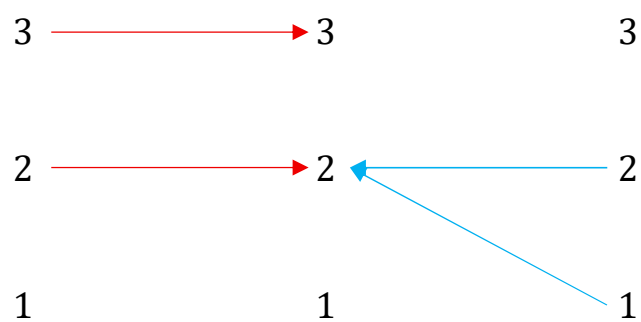


RTh = (1.1, 2.2, 3.3)

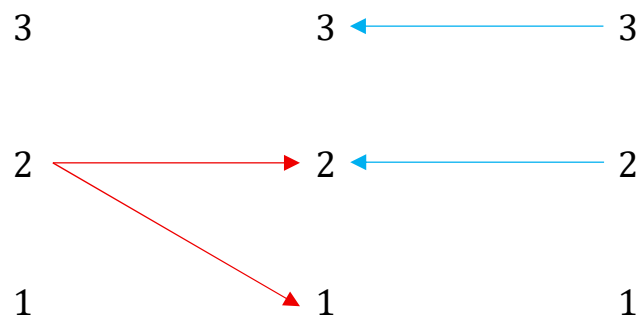


23. Semiotische Relation

ZKl = (3.3, 2.2, 1.2)

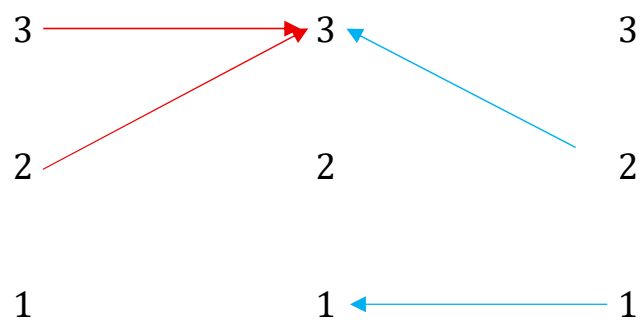


RTh = (2.1, 2.2, 3.3)

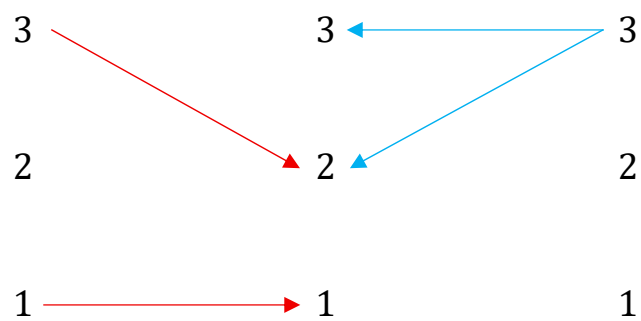


25. Semiotische Relation

ZKl = (3.3, 2.3, 1.1)

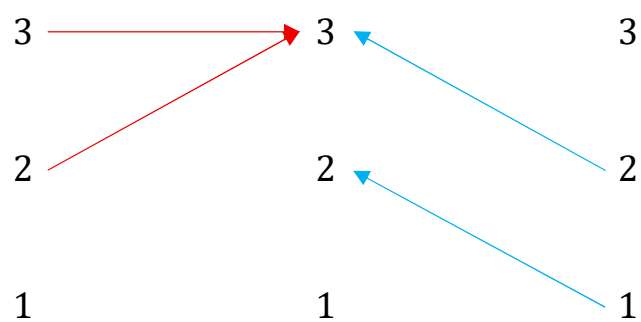


RTh = (1.1, 3.2, 3.3)

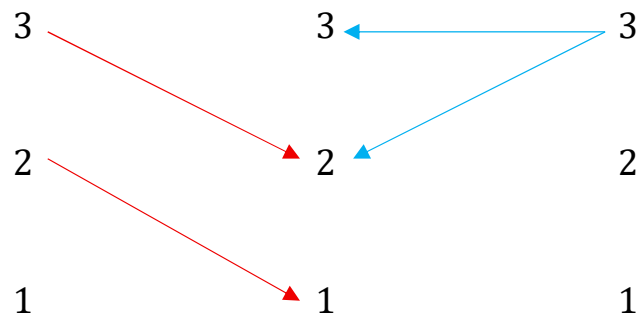


26. Semiotische Relation

ZKl = (3.3, 2.3, 1.2)

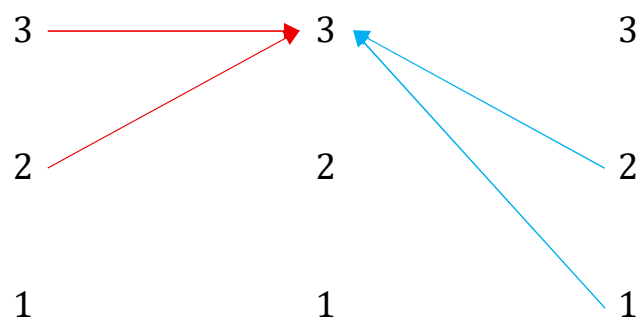


RTh = (2.1, 3.2, 3.3)

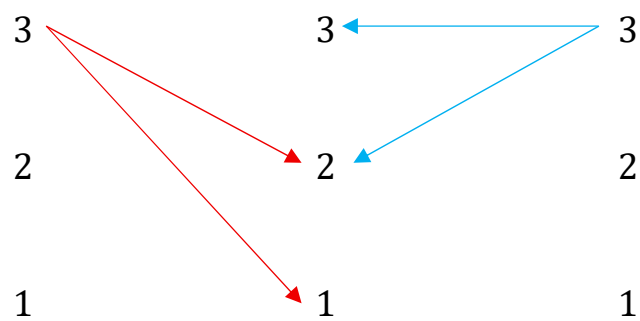


27. Semiotische Relation

ZKl = (3.3, 2.3, 1.3)



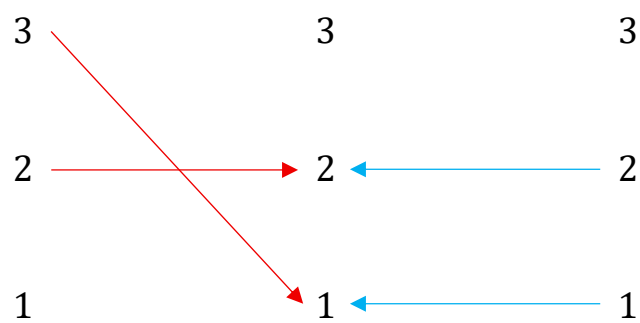
RTh = (3.1, 3.2, 3.3)



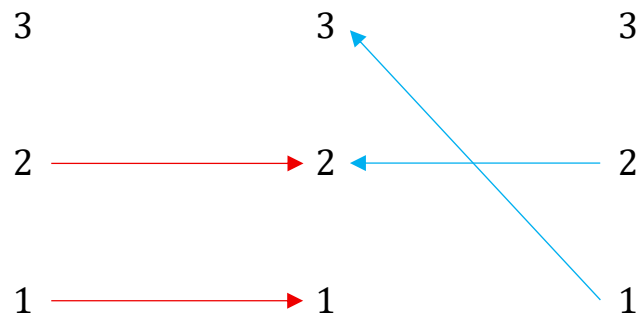
3. Dyadische Simplexsysteme

4. Semiotische Relation

ZKl = (3.1, 2.2, 1.1)

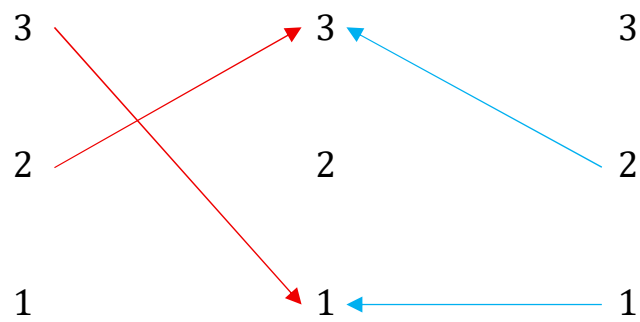


RTh = (1.1, 2.2, 1.3)

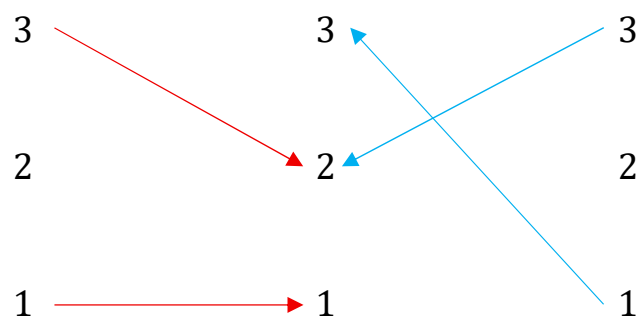


7. Semiotische Relation

ZKl = (3.1, 2.3, 1.1)

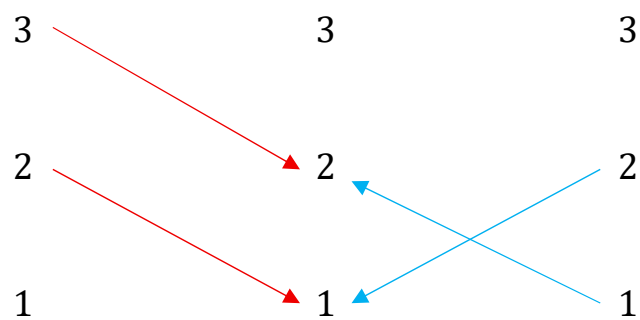


RTh = (1.1, 3.2, 1.3)

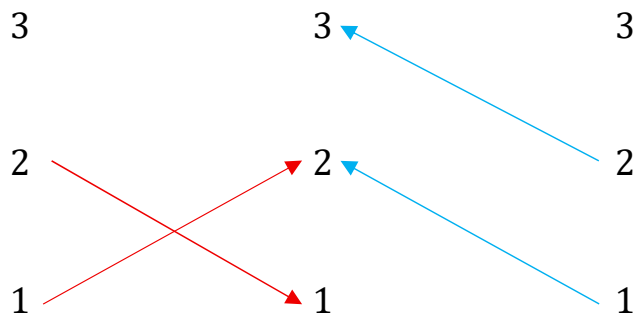


11. Semiotische Relation

ZKl = (3.2, 2.1, 1.2)

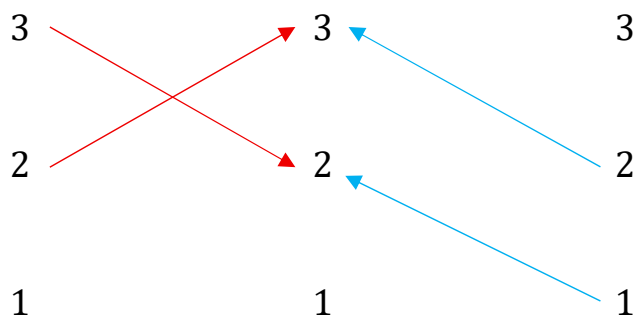


RTh = (2.1, 1.2, 2.3)

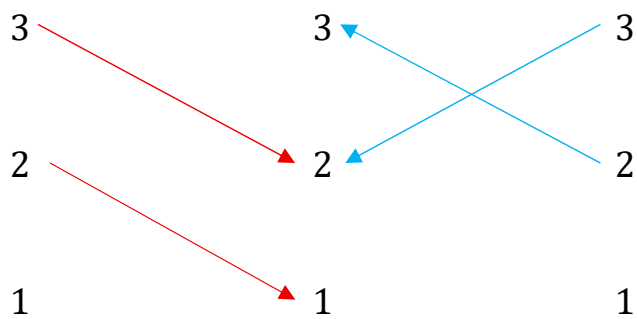


17. Semiotische Relation

ZKl = (3.2, 2.3, 1.2)

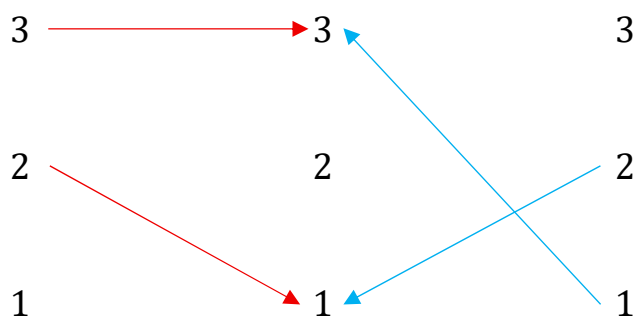


RTh = (2.1, 3.2, 2.3)

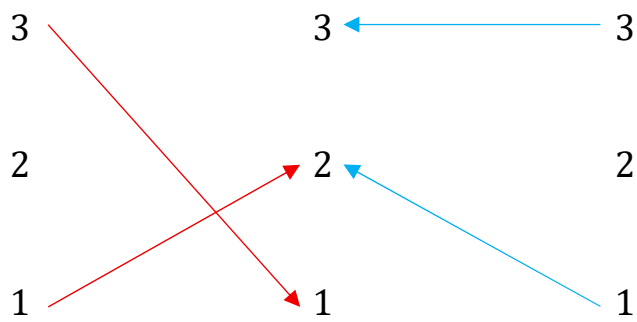


21. Semiotische Relation

ZKl = (3.3, 2.1, 1.3)

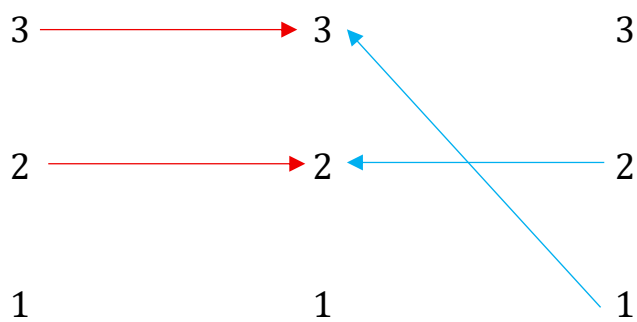


RTh = (3.1, 1.2, 3.3)

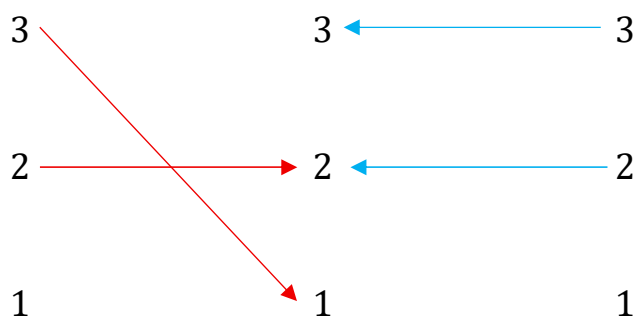


24. Semiotische Relation

ZKl = (3.3, 2.2, 1.3)



RTh = (3.1, 2.2, 3.3)



Es gibt somit keine trajektischen triadischen Simplizia (und somit auch keine solchen in einer topologischen Diamondtheorie, da dort wie in der Trajektionstheorie mit heteromorphen Abbildungen gearbeitet wird).

Als zentrale Folgerung ergibt sich der

SATZ. Realitätsthematiken von Zeichenklassen mit trajektischen dyadischen Zusammenhängen hängen monadisch zusammen.

Literatur

Bense, Max, Semiotische Prozesse und Systeme. Baden-Baden 1975

Toth, Alfred, Vollständiges trajektisches System triadisch-trichotomischer Relationen. In: Electronic Journal for Mathematical Semiotics, 2025

25.8.2025