Prof. Dr. Alfred Toth

Nicht-Bijektion der Abbildung monokontexturaler semiotischer auf trajektische semiotische Dualsysteme

1. Wir gehen erneut vom Gesamtsystem der 27 semiotischen Relationen, dargestellt als Trajekte, aus (vgl. Toth 2025a) und betrachten die Dualsysteme, die mehr sind als die Summe von Zeichenklassen und Realitätsthematiken, da trajektische semiotische Relationen durch

ZKl = (3 → x, 2 → y, y ← 2, z ← 1)

bzw.

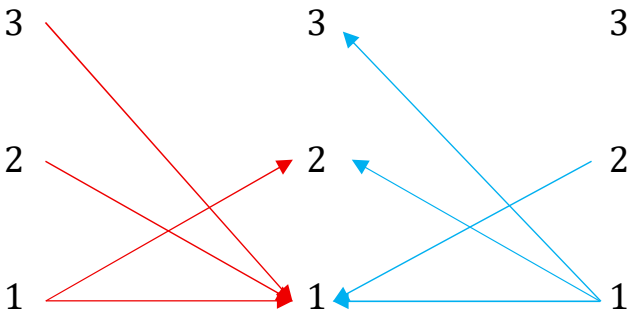
RTh = (z → 1, y → 2, y ← 2, x ← 3),

d.h. durch Morphismen und Heteromorphismen und also polykontextural definiert werden (vgl. Toth 2025c, d). Wie man leicht zeigt, ist die Abbildung monokontexturaler auf trajektisch-polykontexturale semiotische Dualsysteme nicht-bijektiv.

1. Trichotomische Triade

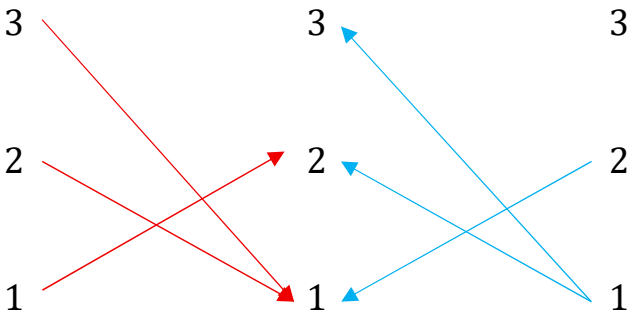
1. Semiotische Relation

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



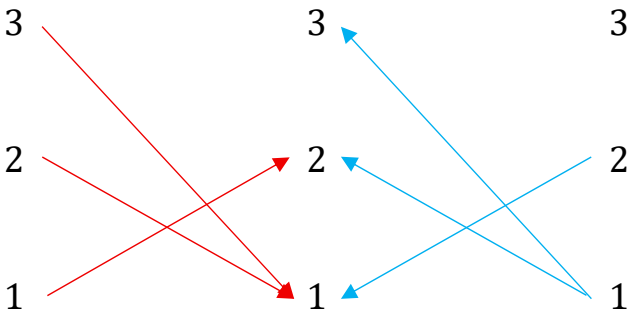
2. Semiotische Relation

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



3. Semiotische Relation

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

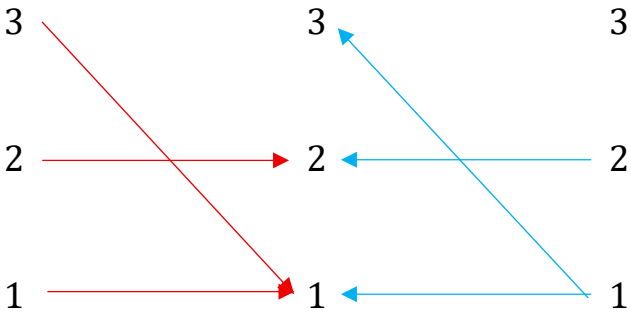


$\mathfrak{T}$(DS2) = $\mathfrak{T}$(DS3).

2. Trichotomische Triade

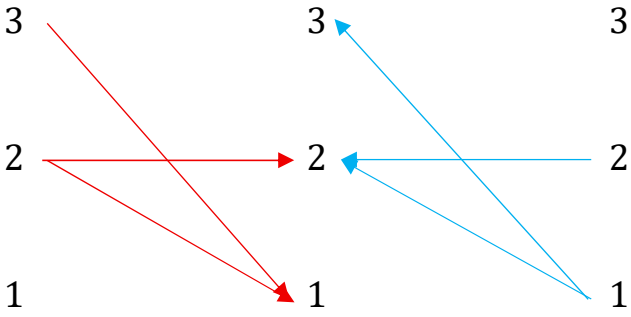
4. Semiotische Relation

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



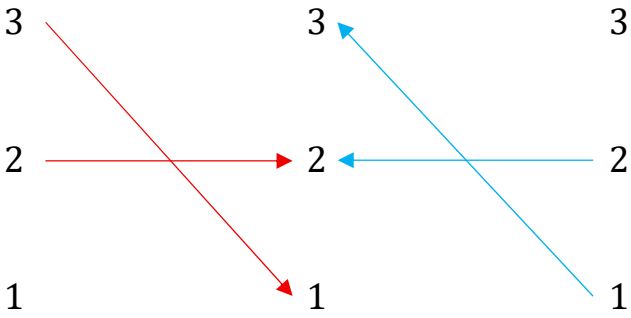
5. Semiotische Relation

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



6. Semiotische Relation

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

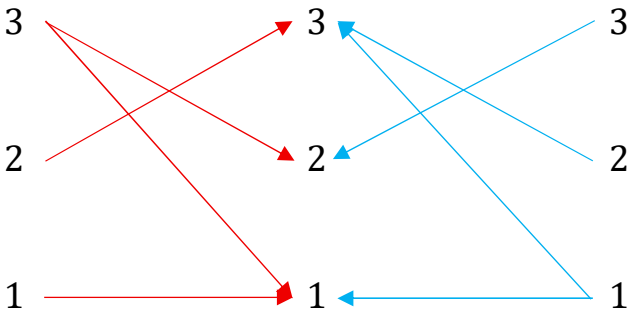


$\mathfrak{T}(DS4) \setminus (1 \rightarrow 1 \mid 1 \leftarrow 1) = \mathfrak{T}(DS6).$

3. Trichotomische Triade

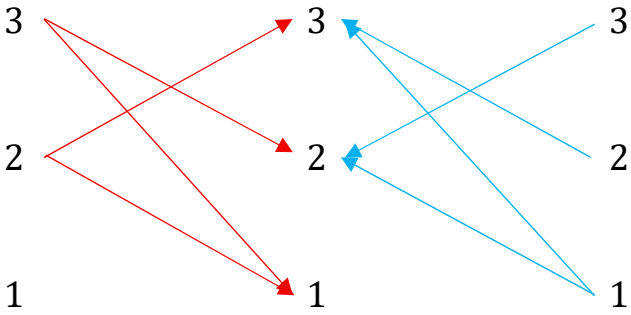
7. Semiotische Relation

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



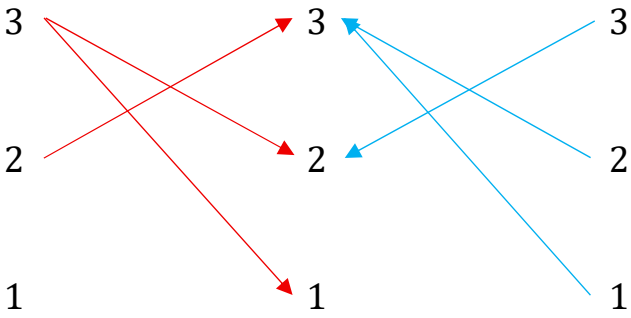
8. Semiotische Relation

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



9. Semiotische Relation

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

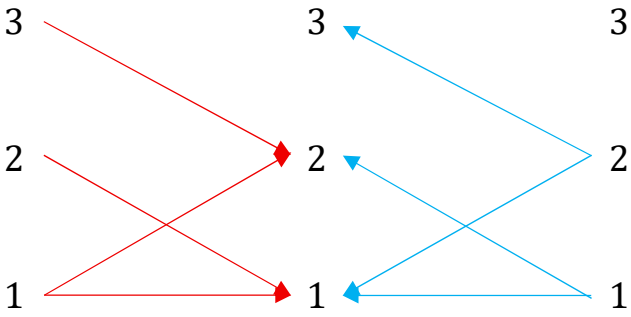


$\mathfrak{T}(DS7) \setminus (1 \rightarrow 1 \mid 1 \leftarrow 1) = \mathfrak{T}(DS9)$.

4. Trichotomische Triade

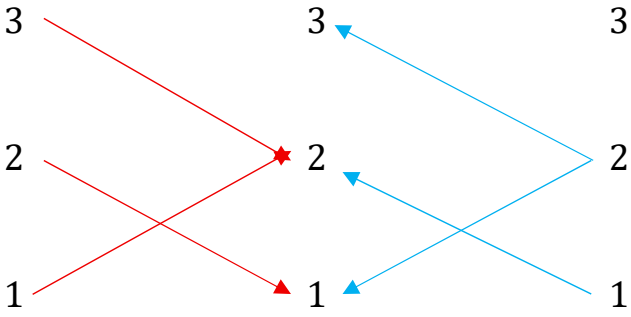
10. Semiotische Relation

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



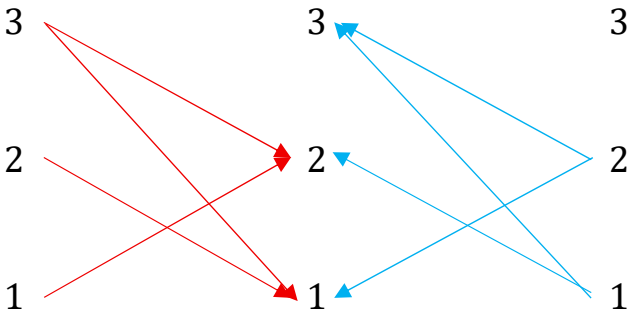
11. Semiotische Relation

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



12. Semiotische Relation

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

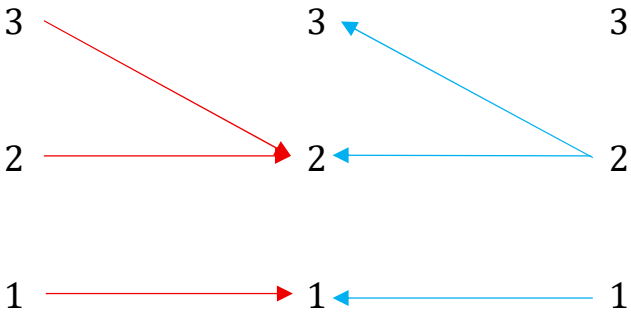


$\mathfrak{T}(DS10) \setminus (1 \to 1 \mid 1 \leftarrow 1) = \mathfrak{T}(DS11)$.

5. Trichotomische Triade

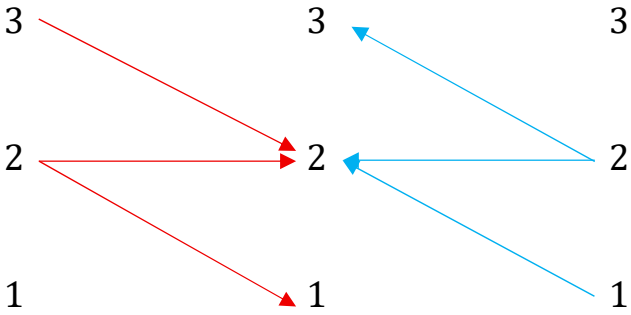
13. Semiotische Relation

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



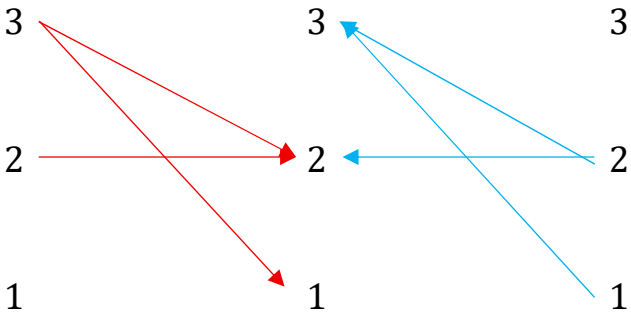
14. Semiotische Relation

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



15. Semiotische Relation

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

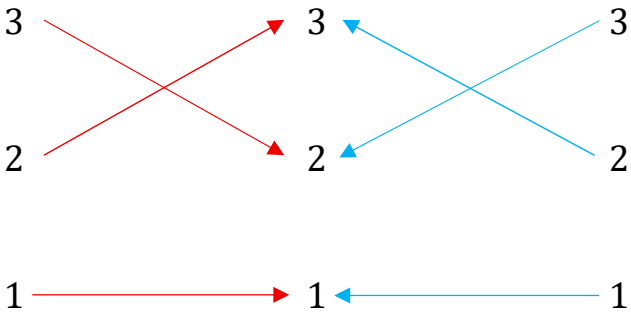


$\mathfrak{T}(DS13) \neq \mathfrak{T}(DS14) \neq \mathfrak{T}(DS15)$.

6. Trichotomische Triade

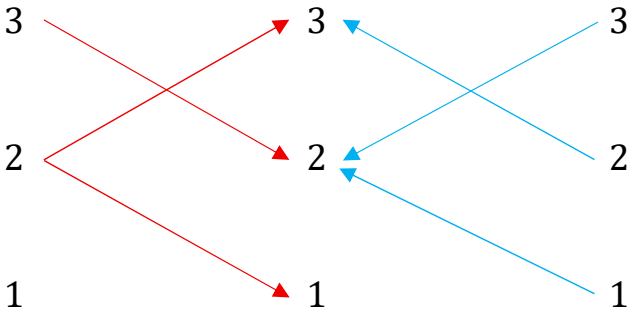
16. Semiotische Relation

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



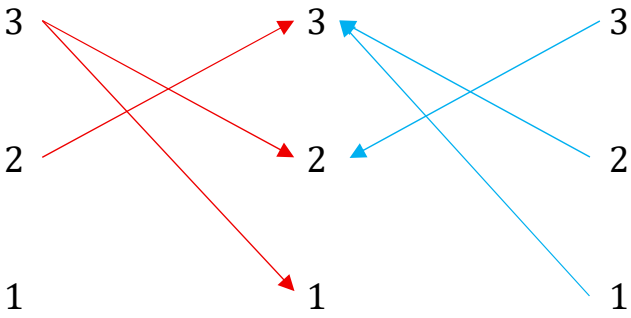
17. Semiotische Relation

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



18. Semiotische Relation

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

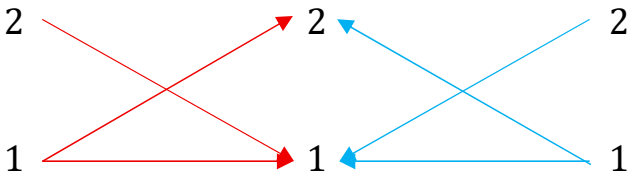


$\mathfrak{T}$(DS16) ≠ $\mathfrak{T}$(DS17) ≠ $\mathfrak{T}$(DS18).

7. Trichotomische Triade

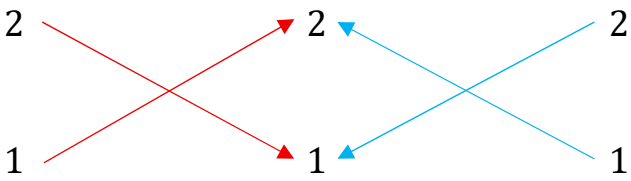
19. Semiotische Relation

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



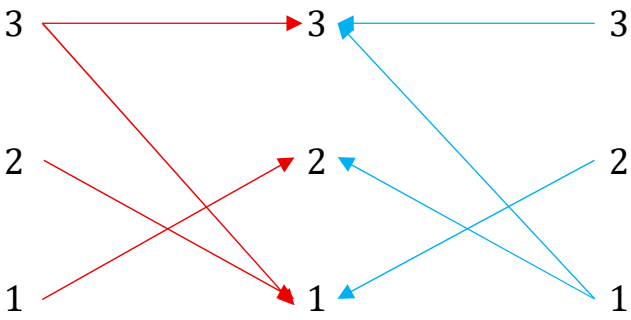
20. Semiotische Relation

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



21. Semiotische Relation

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

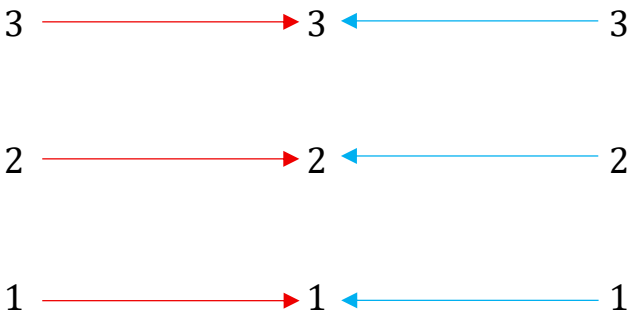


$\mathfrak{T}(\text{DS19}) \setminus (3 \rightarrow 3 \mid 3 \leftarrow 3) = \mathfrak{T}(\text{DS20})$.

8. Trichotomische Triade

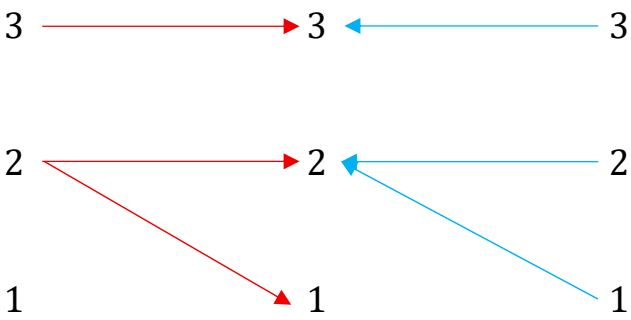
22. Semiotische Relation

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



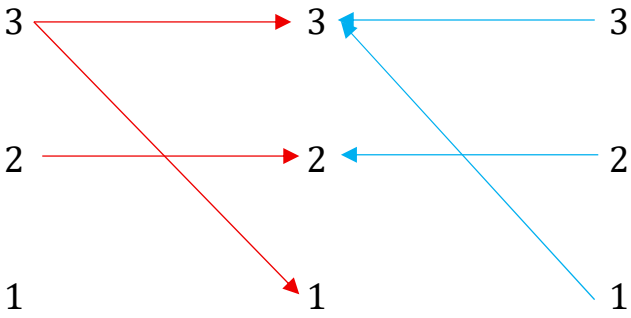
23. Semiotische Relation

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



24. Semiotische Relation

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

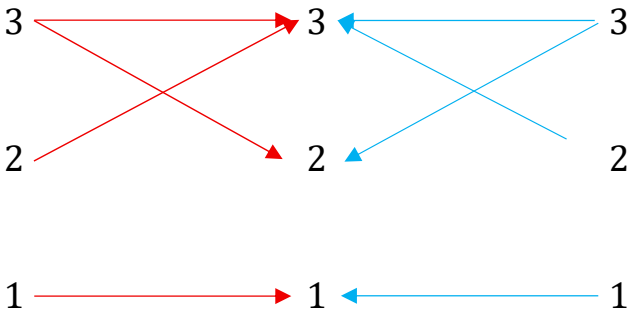


$\mathfrak{T}(DS22) \neq \mathfrak{T}(DS23) \neq \mathfrak{T}(DS24)$.

9. Trichotomische Triade

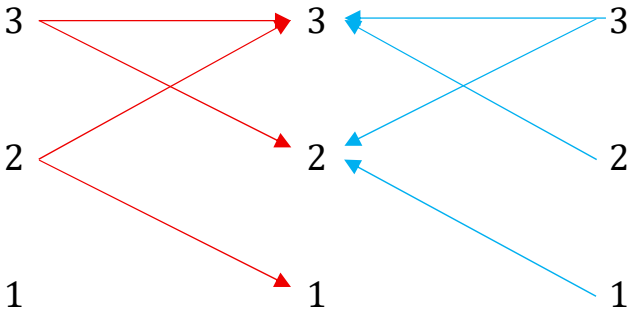
25. Semiotische Relation

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



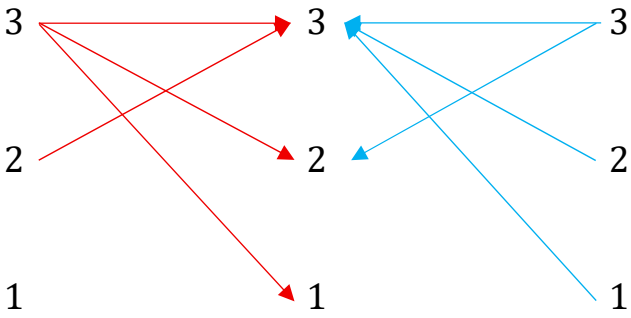
26. Semiotische Relation

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



27. Semiotische Relation

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



$\mathfrak{T}(DS25) \neq \mathfrak{T}(DS26) \neq \mathfrak{T}(DS27)$.

Literatur

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