

Prof. Dr. Alfred Toth

Reflexionsrelationen trajektischer Zeichenklassen und Realitätsthematiken

1. Definition monokontexturaler ZKln und RThn

$$\text{ZKl} = (3.x, 2.y, 1.z)$$

$$\text{RTh} = \times (3.x, 2.y, 1.z) = (z.1, y.2, x.3)$$

Definition trajektischer ZKln und RThn (vgl. Toth 2025a-c)

$$\text{ZKl} = (3 \rightarrow x, 2 \rightarrow y, y \leftarrow 2, z \leftarrow 1)$$

$$\text{RTh} = (z \rightarrow 1, y \rightarrow 2, y \leftarrow 2, x \leftarrow 3)$$

Es gilt:

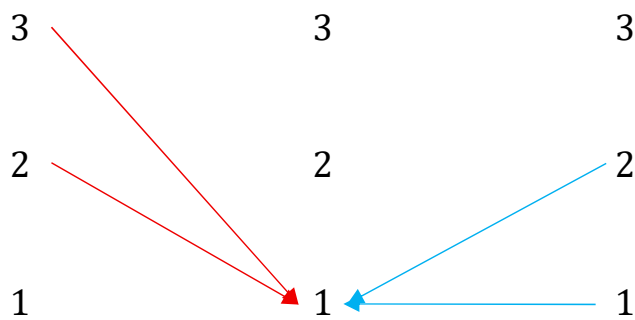
$$\text{R}(\text{ZKl}) = \text{RTh}, \text{R}(\text{RTh}) = \text{ZKl},$$

d.h. nicht monokontexturale Dualisation, sondern polykontexturale Reflexion.

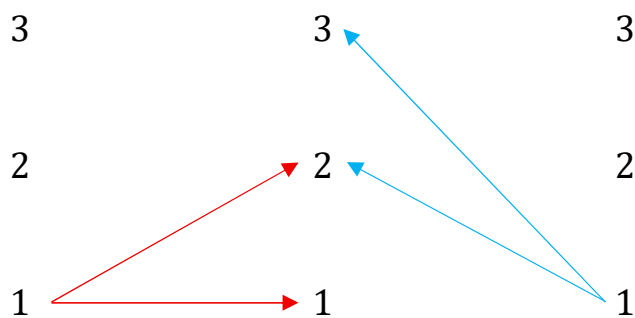
2. Trajektische Zeichenklassen und Realitätsthematiken

1. Semiotische Relation

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

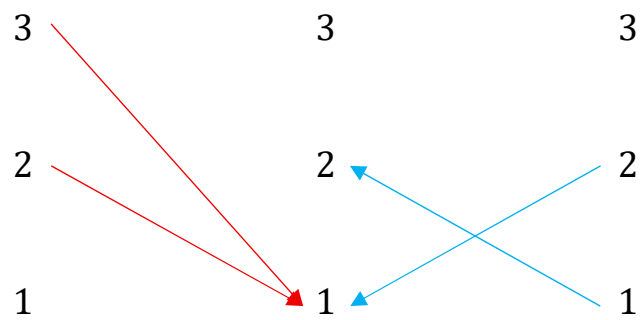


$$\text{RTh} = (1.1, 1.2, 1.3)$$

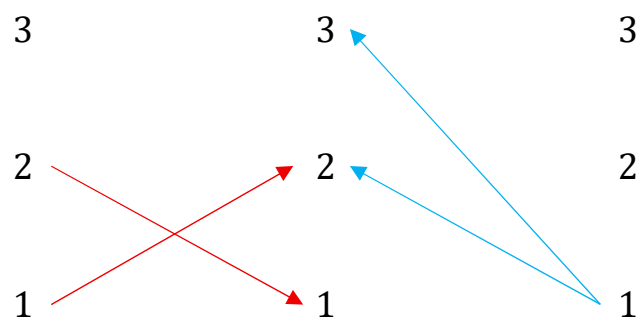


2. Semiotische Relation

ZKl = (3.1, 2.1, 1.2)

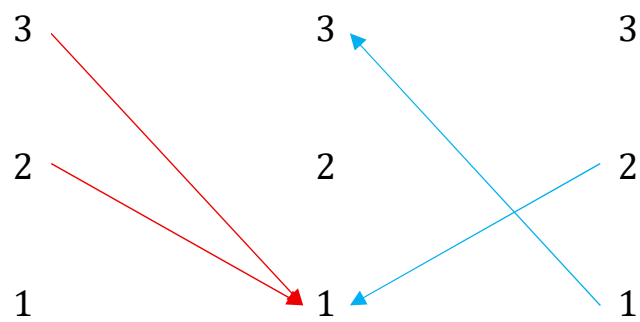


RTh = (2.1, 1.2, 1.3)

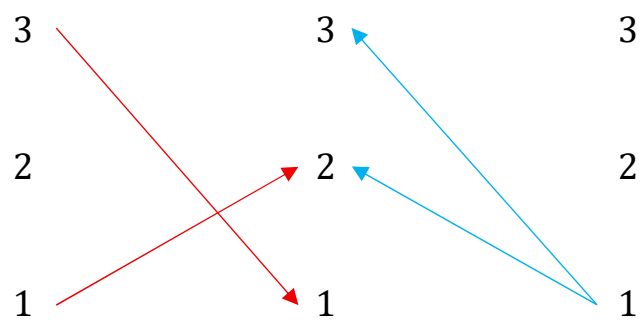


3. Semiotische Relation

ZKl = (3.1, 2.1, 1.3)

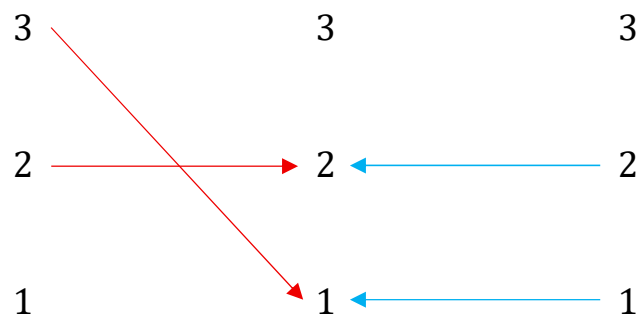


RTh = (3.1, 1.2, 1.3)

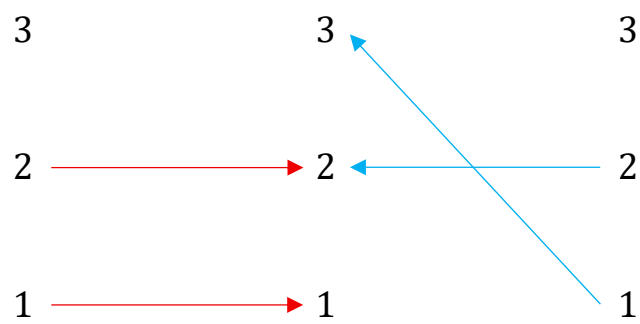


4. Semiotische Relation

ZKl = (3.1, 2.2, 1.1)

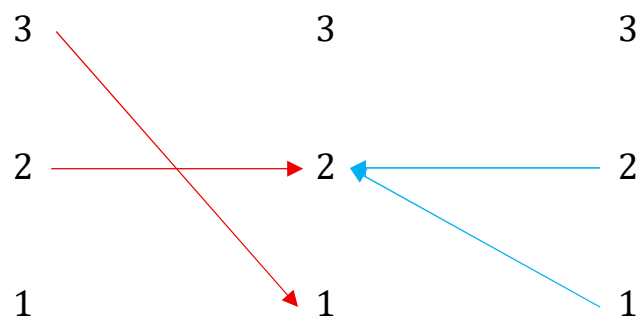


RTh = (1.1, 2.2, 1.3)

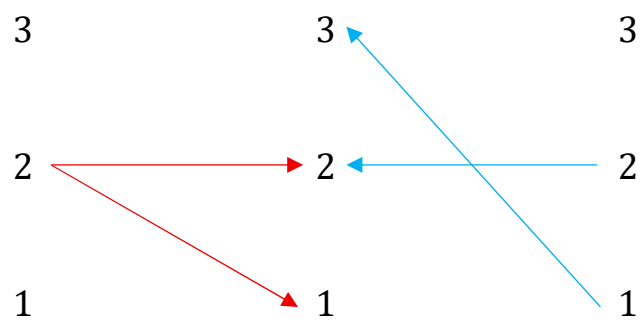


5. Semiotische Relation

ZKl = (3.1, 2.2, 1.2)

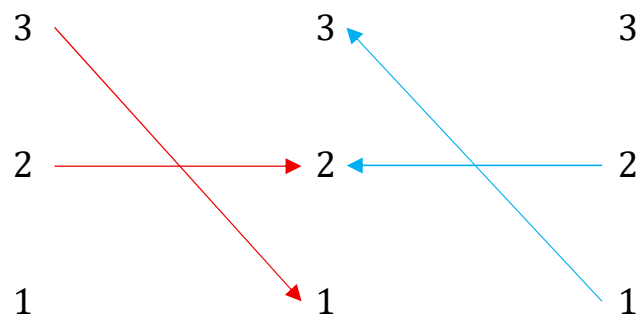


RTh = (2.1, 2.2, 1.3)

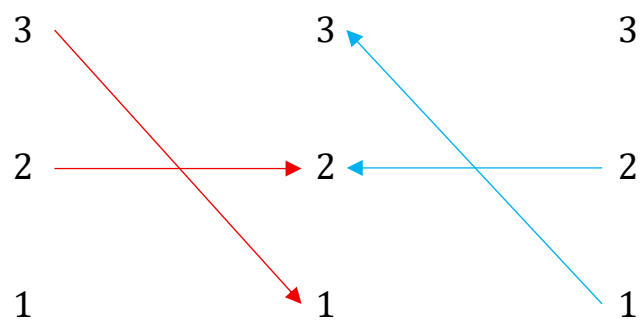


6. Semiotische Relation

ZKl = (3.1, 2.2, 1.3)

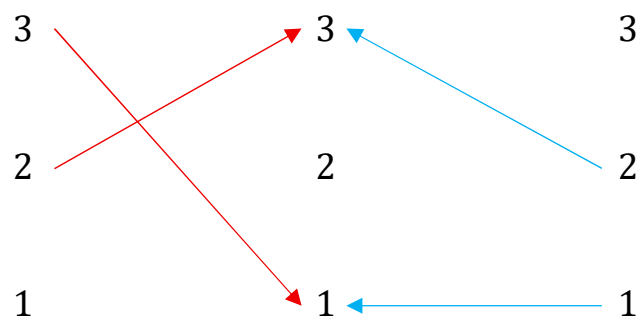


RTh = (3.1, 2.2, 1.3)

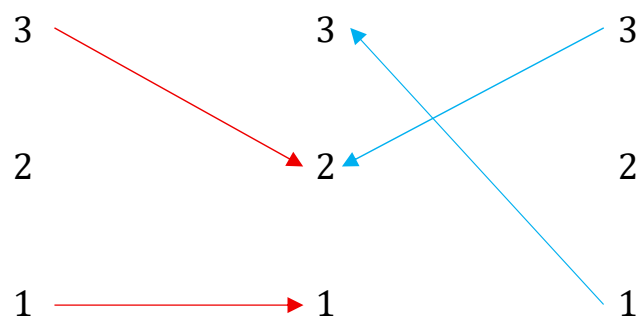


7. Semiotische Relation

ZKl = (3.1, 2.3, 1.1)

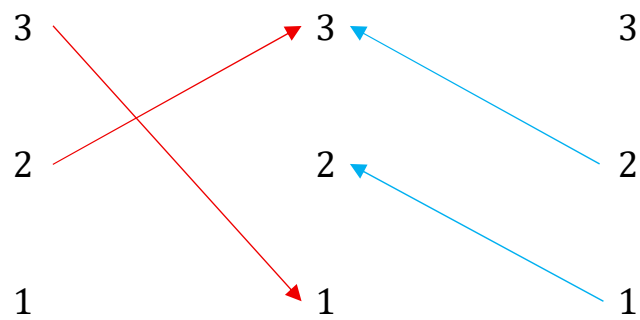


RTh = (1.1, 3.2, 1.3)

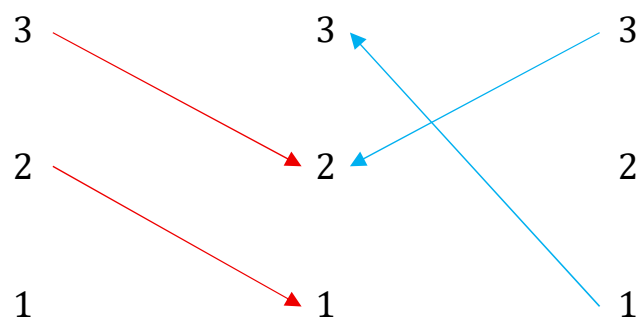


8. Semiotische Relation

ZKl = (3.1, 2.3, 1.2)

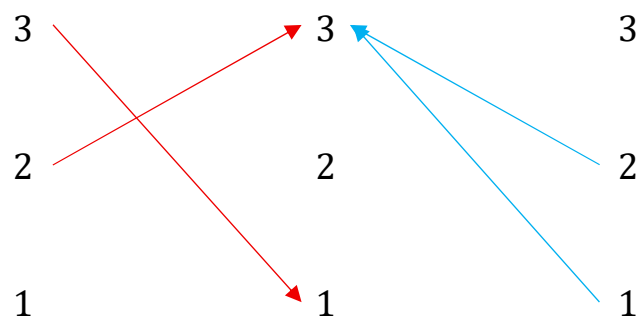


RTh = (2.1, 3.2, 1.3)

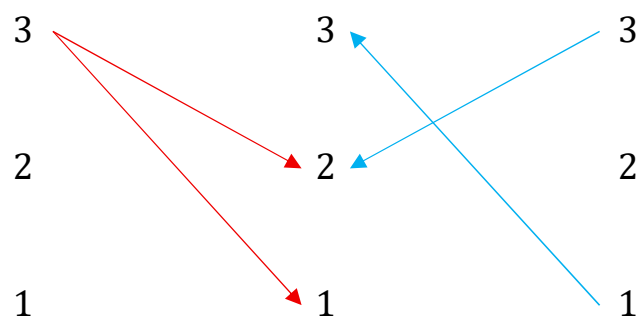


9. Semiotische Relation

ZKl = (3.1, 2.3, 1.3)

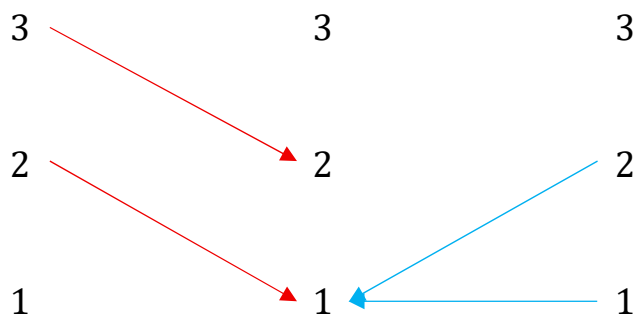


RTh = (3.1, 3.2, 1.3)

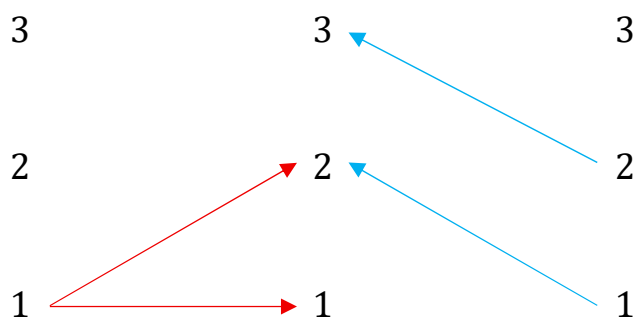


10. Semiotische Relation

ZKl = (3.2, 2.1, 1.1)

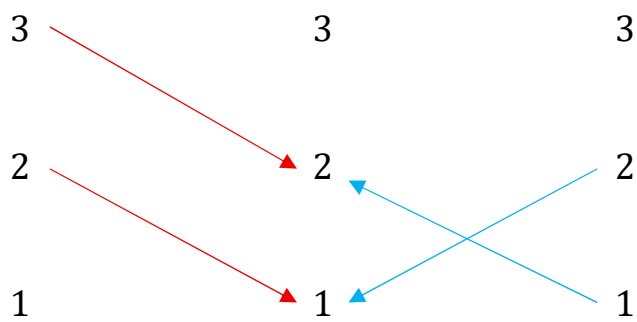


RTh = (1.1, 1.2, 2.3)

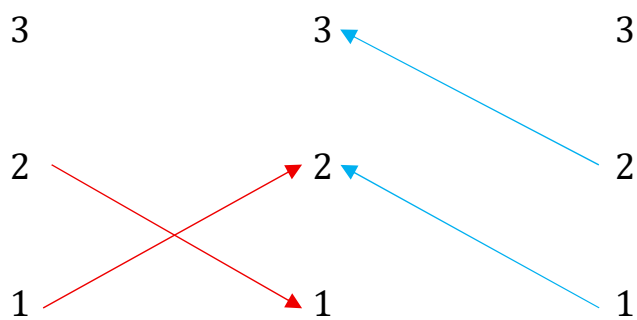


11. Semiotische Relation

ZKl = (3.2, 2.1, 1.2)

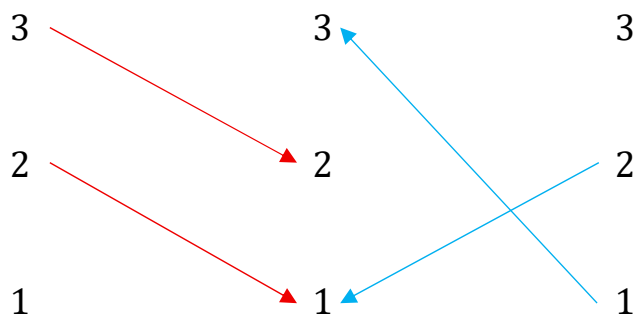


RTh = (2.1, 1.2, 2.3)

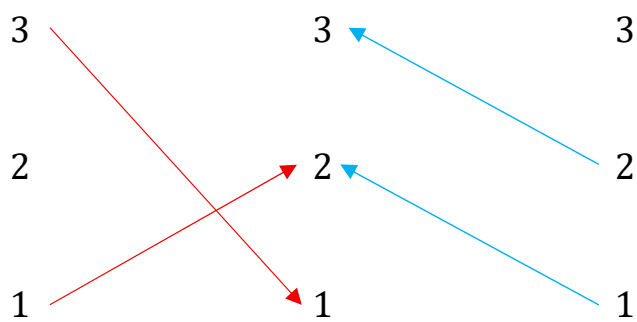


12. Semiotische Relation

ZKl = (3.2, 2.1, 1.3)

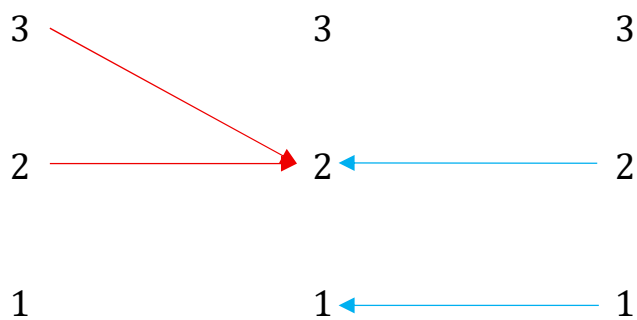


RTh = (3.1, 1.2, 2.3)

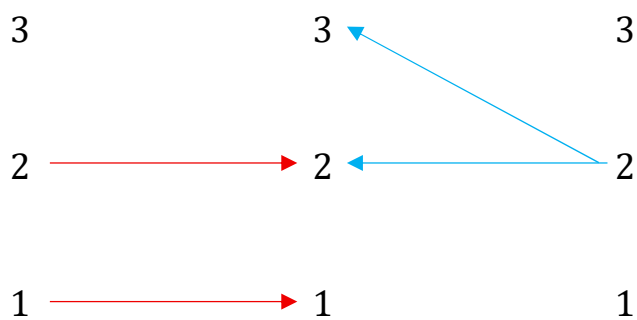


13. Semiotische Relation

ZKl = (3.2, 2.2, 1.1)

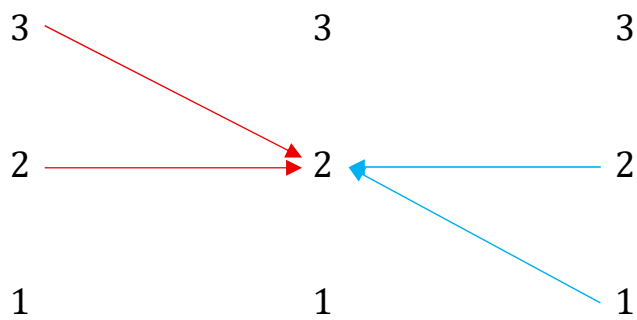


RTh = (1.1, 2.2, 2.3)

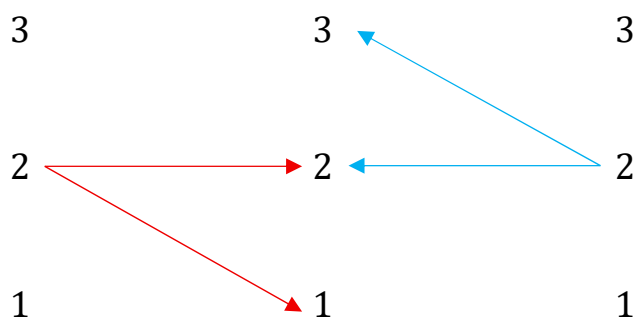


14. Semiotische Relation

ZKl = (3.2, 2.2, 1.2)

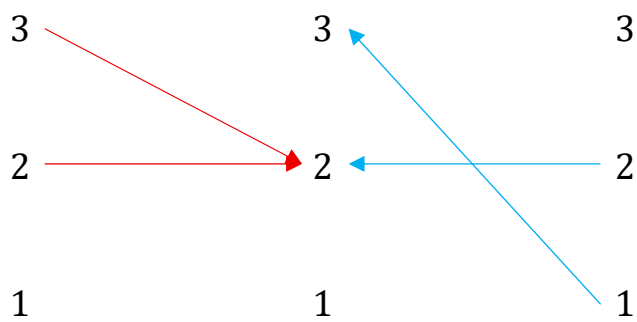


RTh = (2.1, 2.2, 2.3)

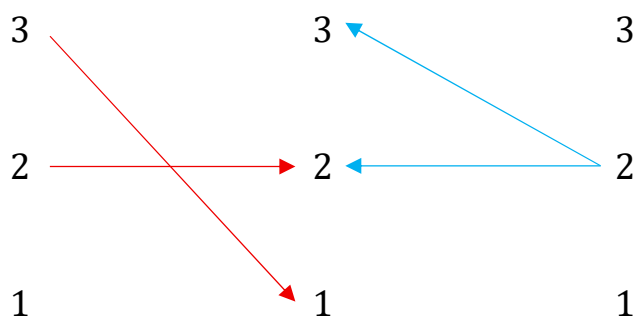


15. Semiotische Relation

ZKl = (3.2, 2.2, 1.3)

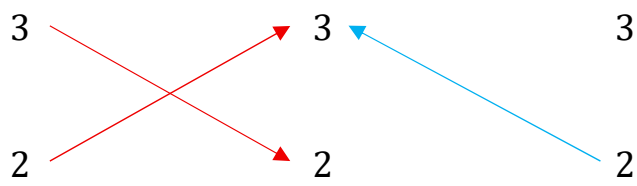


RTh = (3.1, 2.2, 2.3)



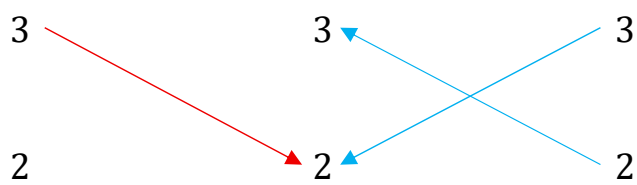
16. Semiotische Relation

ZKl = (3.2, 2.3, 1.1)



1 1 1

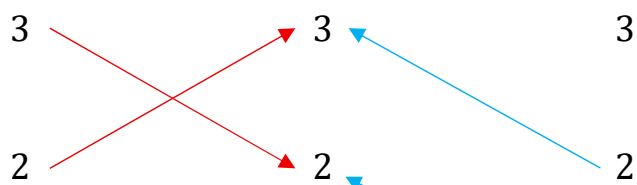
RTh = (1.1, 3.2, 2.3)



1 1 1

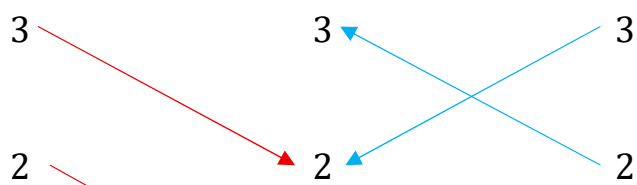
17. Semiotische Relation

ZKl = (3.2, 2.3, 1.2)



1 1 1

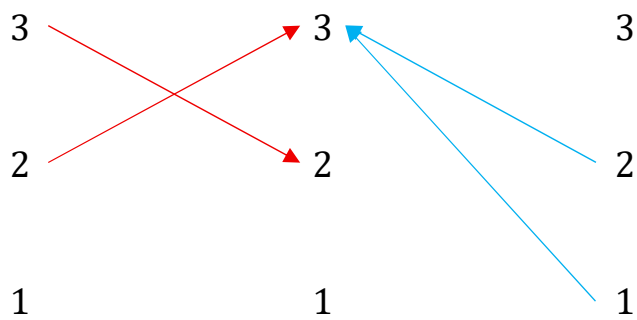
RTh = (2.1, 3.2, 2.3)



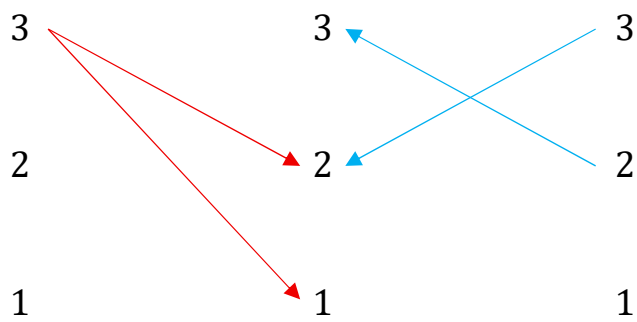
1 1 1

18. Semiotische Relation

ZKl = (3.2, 2.3, 1.3)

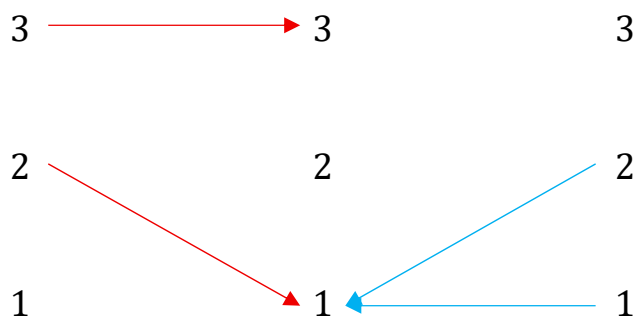


RTh = (3.1, 3.2, 2.3)

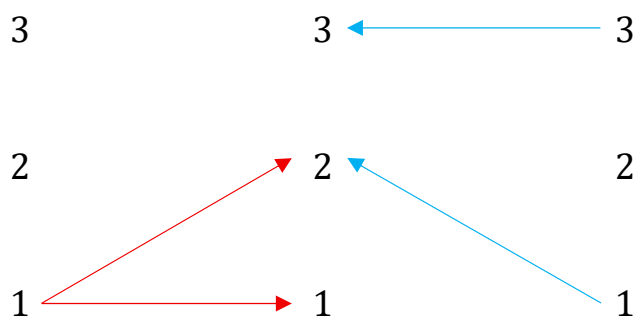


19. Semiotische Relation

ZKl = (3.3, 2.1, 1.1)



RTh = (1.1, 1.2, 3.3)



20. Semiotische Relation

ZKl = (3.3, 2.1, 1.2)

3 $\longrightarrow$ 3 3

2 2
 $\searrow$ $\swarrow$
 1 1

RTh = (2.1, 1.2, 3.3)

3 3 $\longleftarrow$ 3

2 2
 $\swarrow$ $\searrow$
 1 1

21. Semiotische Relation

ZKl = (3.3, 2.1, 1.3)

3 $\longrightarrow$ 3 3

2 2
 $\searrow$ $\swarrow$
 1 1

RTh = (3.1, 1.2, 3.3)

3 3 $\longleftarrow$ 3

2 2
 $\swarrow$ $\searrow$
 1 1

22. Semiotische Relation

ZKl = (3.3, 2.2, 1.1)

3 $\xrightarrow{\text{red}}$ 3 3

2 $\xrightarrow{\text{red}}$ 2 $\xleftarrow{\text{blue}}$ 2

1 1 $\xleftarrow{\text{blue}}$ 1

RTh = (1.1, 2.2, 3.3)

3 3 $\xleftarrow{\text{blue}}$ 3

2 $\xrightarrow{\text{red}}$ 2 $\xleftarrow{\text{blue}}$ 2

1 $\xrightarrow{\text{red}}$ 1 1

23. Semiotische Relation

ZKl = (3.3, 2.2, 1.2)

3 $\xrightarrow{\text{red}}$ 3 3

2 $\xrightarrow{\text{red}}$ 2 $\xleftarrow{\text{blue}}$ 2

1 1 $\xleftarrow{\text{blue}}$ 1

RTh = (2.1, 2.2, 3.3)

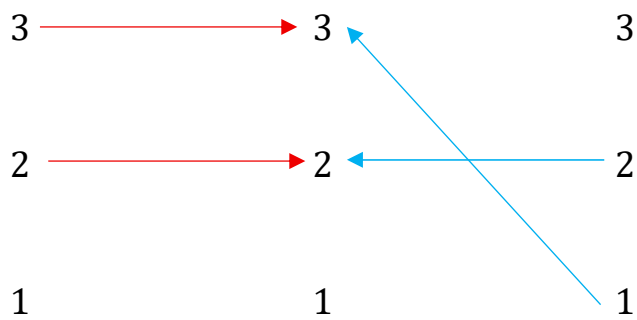
3 3 $\xleftarrow{\text{blue}}$ 3

2 $\xrightarrow{\text{red}}$ 2 $\xleftarrow{\text{blue}}$ 2

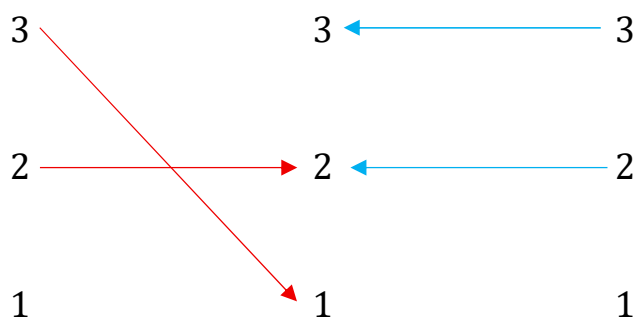
1 $\xrightarrow{\text{red}}$ 1 1

24. Semiotische Relation

ZKl = (3.3, 2.2, 1.3)

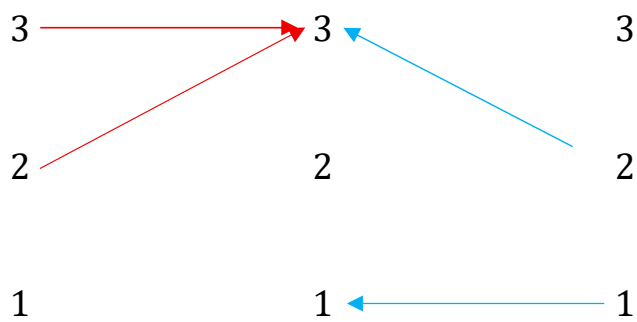


RTh = (3.1, 2.2, 3.3)

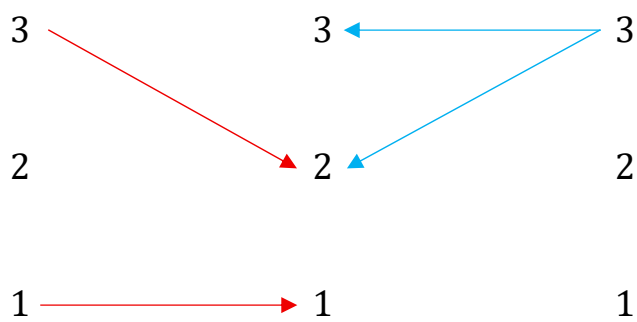


25. Semiotische Relation

ZKl = (3.3, 2.3, 1.1)

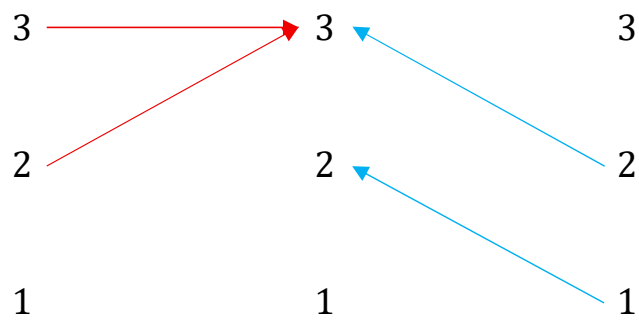


RTh = (1.1, 3.2, 3.3)

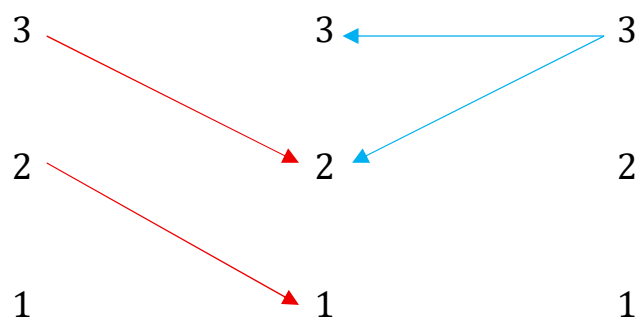


26. Semiotische Relation

ZKl = (3.3, 2.3, 1.2)

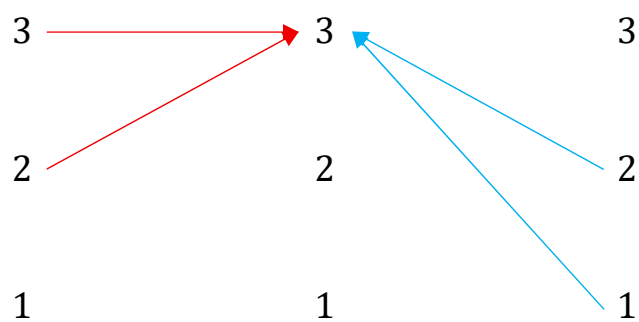


RTh = (2.1, 3.2, 3.3)

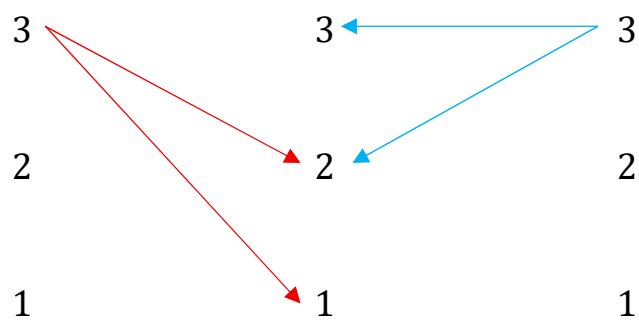


27. Semiotische Relation

ZKl = (3.3, 2.3, 1.3)



RTh = (3.1, 3.2, 3.3)



Literatur

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

Toth, Alfred, Trajektische determinantensymmetrische Dualität. In: Electronic Journal for Mathematical Semiotics, 2025b

Toth, Alfred, Trajektische thematische Trichotomien. In: Electronic Journal for Mathematical Semiotics, 2025c

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