

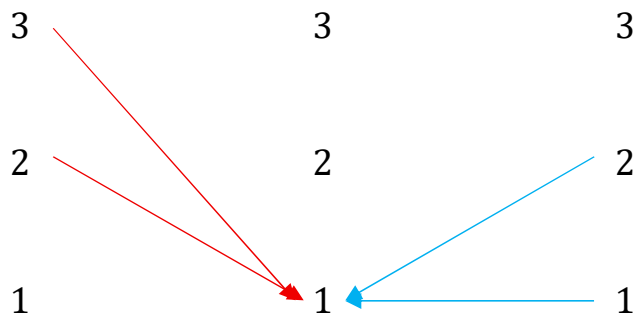
Monofunktorielle und rechtsantizipative Zeichenklassen

1. Im folgenden stellen wir einander auf der Basis von Toth (2025) unver-schränkte und verschränkte Zeichenklassen gegenüber. Bei den verschränkten beschränken wir uns auf Rechtsantizipation. Weitere Verschränkungen wären möglich, indem man von den hier präsentierten Trajekten 1. zu solchen 2. Stufe fortschreitet. Man achte auf gleiche Graphen unterschiedlicher Zeichenklassen und vor allem auf jene verschränkten Graphen, die ohne Kenntnis der Abbildungen nicht ohne weiteres auf ihre unver-schränkten zurückführbar sind.

2. Die zehn Zeichenklassen als monofunktorielle und als rechtsantizipative semiotische Relationen

1. Zkl = (3.1, 2.1, 1.1)

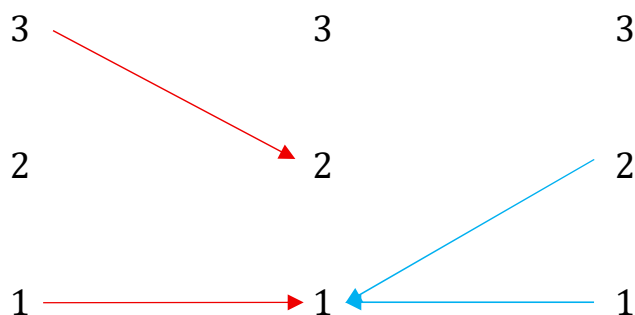
$$\mathfrak{T}^{\text{mo}}(3.1, 2.1, 1.1) = (3.1, 2.1 \mid 2.1, 1.1) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.1, 2.1, 1.1) =$$

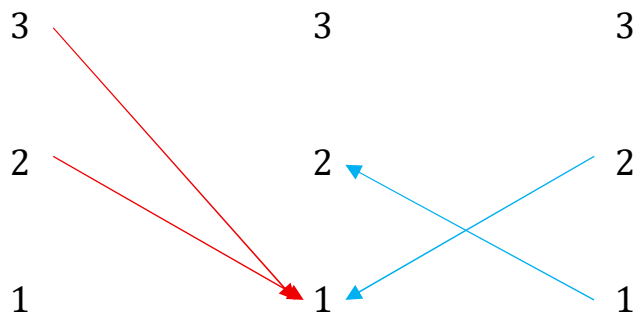
3.1 2.1

$$2.1 \quad 1.1 = (3.2, 1.1 \mid 2.1, 1.1) =$$



$$2. \text{ZKl} = (3.1, 2.1, 1.2)$$

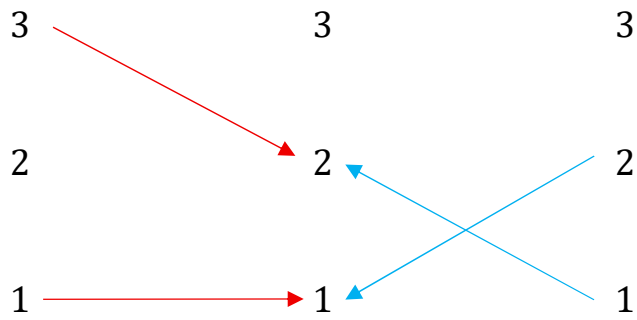
$$\mathfrak{T}^{\text{mo}}(3.1, 2.1, 1.2) = (3.1, 2.1 \mid 2.1, 1.2) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.1, 2.1, 1.2) =$$

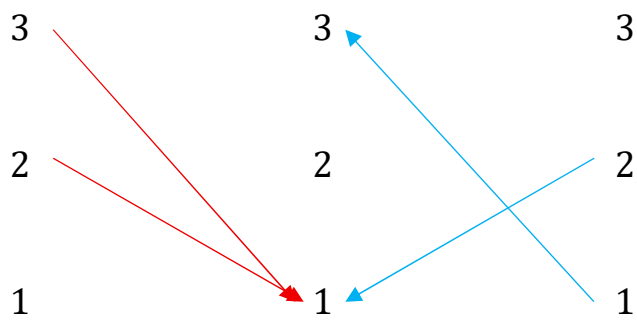
$$3.1 \quad 2.1$$

$$2.1 \quad 1.2 = (3.2, 1.1 \mid 2.1, 1.2) =$$



$$3. \text{ZKl} = (3.1, 2.1, 1.3)$$

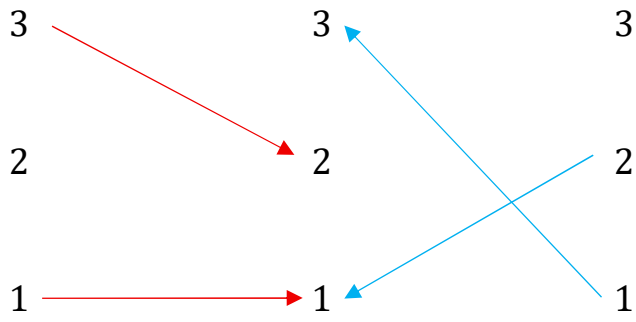
$$\mathfrak{T}^{\text{mo}}(3.1, 2.1, 1.3) = (3.1, 2.1 \mid 2.1, 1.3) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.1, 2.1, 1.3) =$$

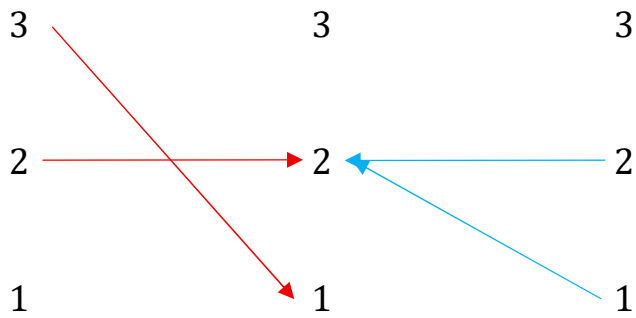
$$3.1 \quad 2.1$$

$$2.1 \quad 1.3 = (3.2, 1.1 \mid 2.1, 1.3) =$$



4. ZKl = (3.1, 2.2, 1.2)

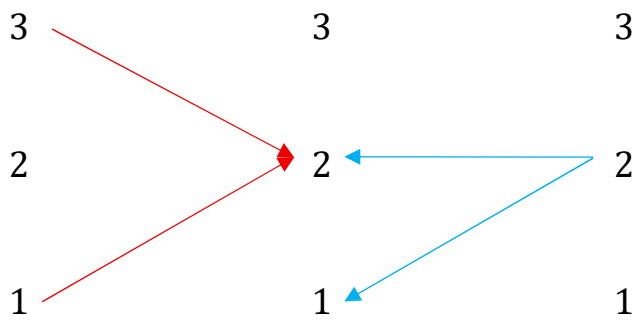
$$\mathfrak{T}^{\text{mo}}(3.1, 2.2, 1.2) = (3.1, 2.2 \mid 2.2, 1.2) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.1, 2.2, 1.2) =$$

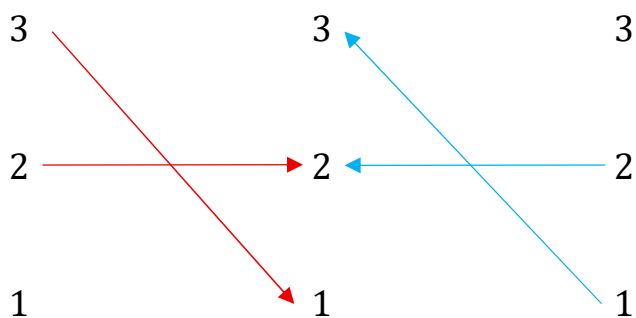
3.1 2.2

$$2.2 \ 1.2 = (3.2, 1.2 \mid 2.1, 2.2) =$$



5. ZKl = (3.1, 2.2, 1.3)

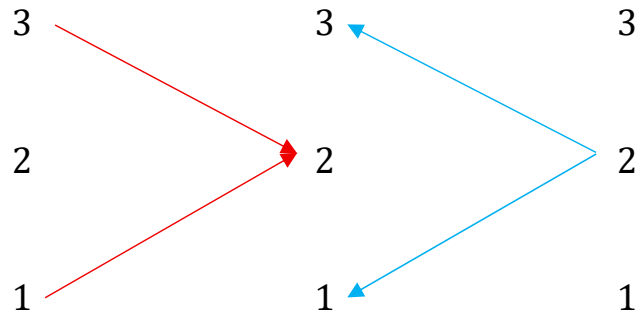
$$\mathfrak{T}^{\text{mo}}(3.1, 2.2, 1.3) = (3.1, 2.2 \mid 2.2, 1.3) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.1, 2.2, 1.3) =$$

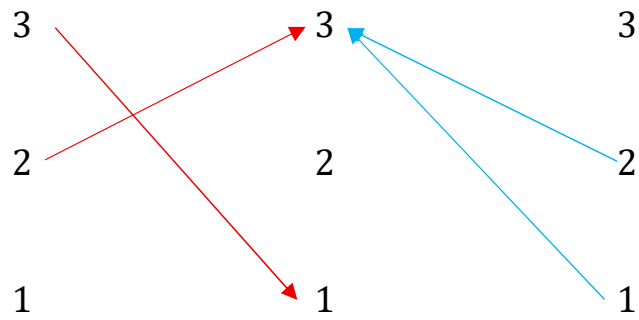
3.1 2.2

$$2.2 \ 1.3 = (3.2, 1.2 \mid 2.1, 2.3) =$$



$$6. \text{Zkl} = (3.1, 2.3, 1.3)$$

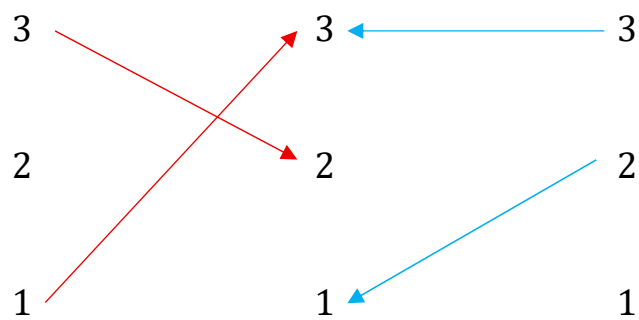
$$\mathfrak{T}^{\text{mo}}(3.1, 2.3, 1.3) = (3.1, 2.3 \mid 2.3, 1.3) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.1, 2.3, 1.3) =$$

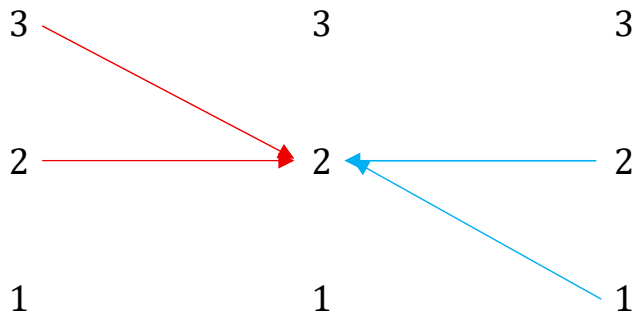
3.1 2.3

$$2.3 \ 1.3 = (3.2, 1.3 \mid 2.1, 3.3) =$$



$$7. \text{Zkl} = (3.2, 2.2, 1.2)$$

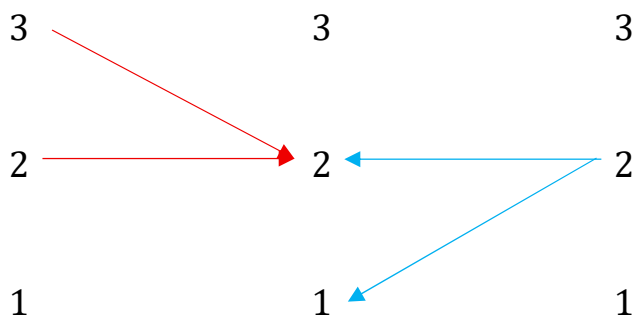
$$\mathfrak{T}^{\text{mo}}(3.2, 2.2, 1.2) = (3.2, 2.2 \mid 2.2, 1.2) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.2, 2.2, 1.2) =$$

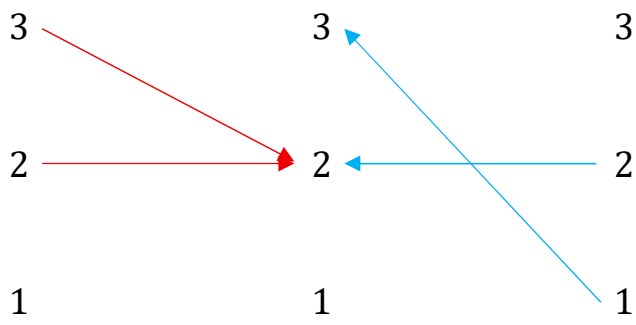
$$3.2 \quad 2.2$$

$$2.2 \quad 1.2 = (3.2, 2.2 \mid 2.1, 2.2) =$$



$$8. \text{ZKI} = (3.2, 2.2, 1.3)$$

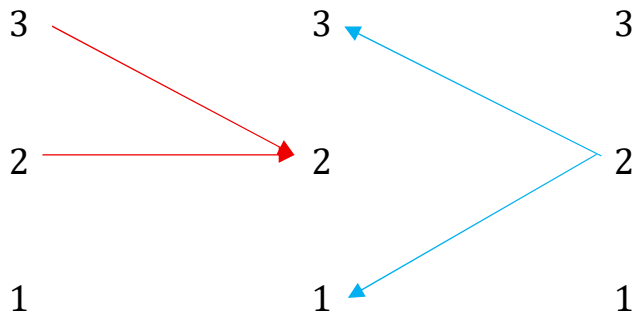
$$\mathfrak{T}^{\text{mo}}(3.2, 2.2, 1.3) = (3.2, 2.2 \mid 2.2, 1.3) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.2, 2.2, 1.3) =$$

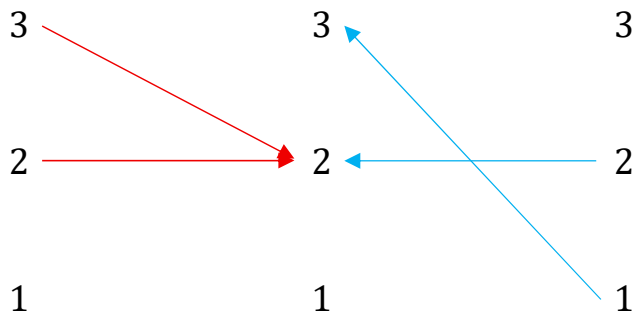
$$3.2 \quad 2.2$$

$$2.2 \quad 1.3 = (3.2, 2.2 \mid 2.1, 2.3) =$$



$$9. \text{ZKI} = (3.2, 2.3, 1.3)$$

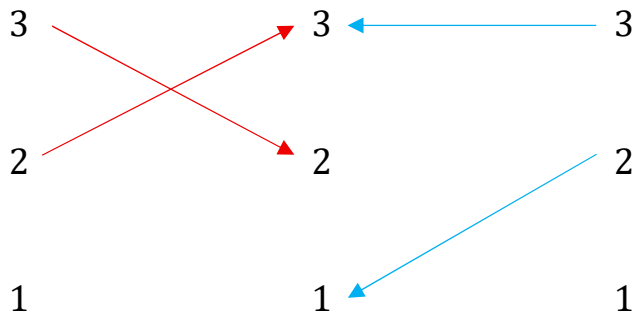
$$\mathfrak{T}^{\text{mo}}(3.2, 2.3, 1.3) = (3.2, 2.3 \mid 2.3, 1.3) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.2, 2.3, 1.3) =$$

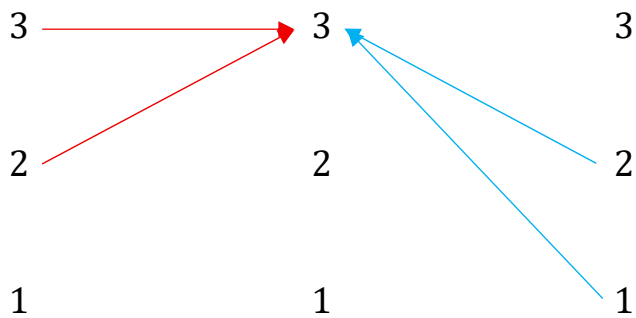
$$3.2 \quad 2.3$$

$$2.3 \quad 1.3 = (3.2, 2.3 \mid 2.1, 3.3) =$$



$$10. \text{ZKI} = (3.3, 2.3, 1.3)$$

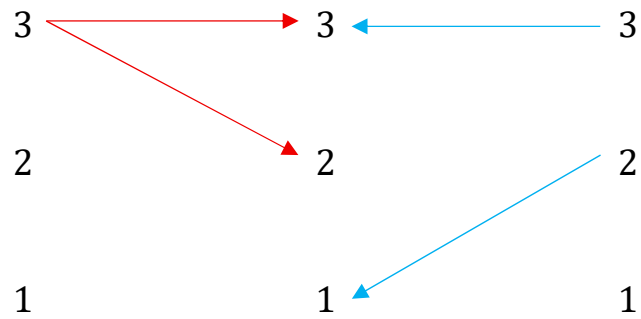
$$\mathfrak{T}^{\text{mo}}(3.3, 2.3, 1.3) = (3.3, 2.3 \mid 2.3, 1.3) =$$



$$\mathfrak{T}^{\text{bi(ro)}}(3.3, 2.3, 1.3) =$$

3.3 2.3

$$2.3 \ 1.3 = (3.2, 3.3 \mid 2.1, 3.3) =$$



Literatur

Toth, Alfred, Kleine Theorie trajektischer Abbildungen. In: Electronic Journal for Mathematical Semiotics, 2025

6.9.2025