

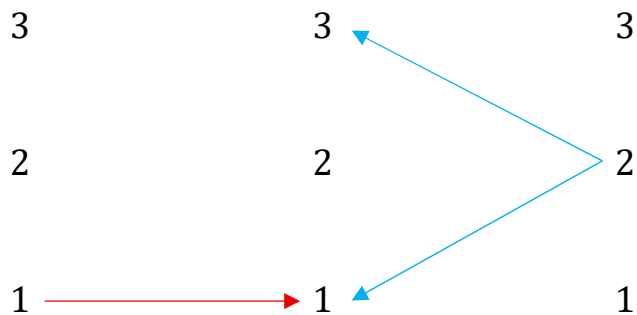
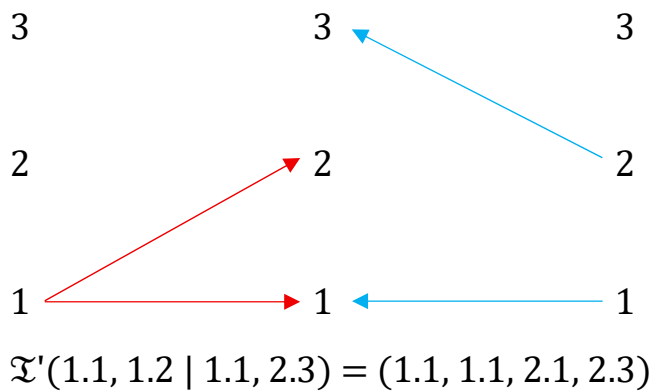
Verschränkte Trichotomien und Triaden 1. und 2. Stufe

1. Wir untersuchen im folgenden die Trichotomien und die Triaden in der von Max Bense eingeführten semiotischen 3×3 -Matrix (vgl. Bense 1975, S. 37) in allen $3! = 6$ Permutationen mit Hilfe der Theorie trajektischer Abbildungen (vgl. Toth 2025). Dabei werden bifunktorielle trajektische Relationen 1. und 2. Stufe einander gegenübergestellt.

2. Trichotomien

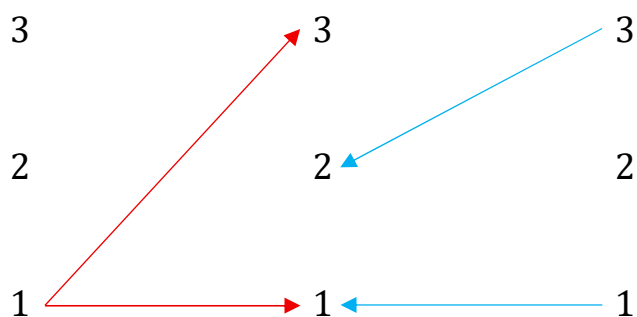
1.1 1.2

1.2 1.3 = (1.1, 1.2 | 1.1, 2.3)

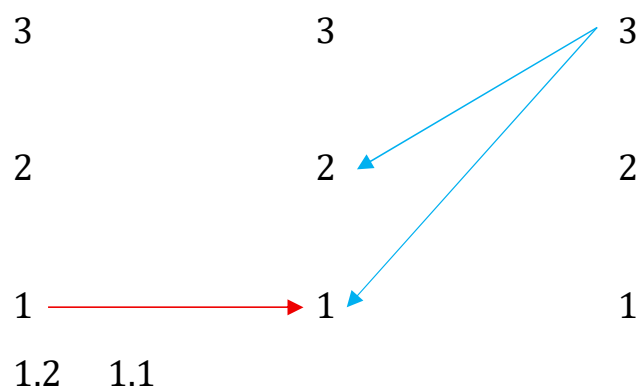


1.1 1.3

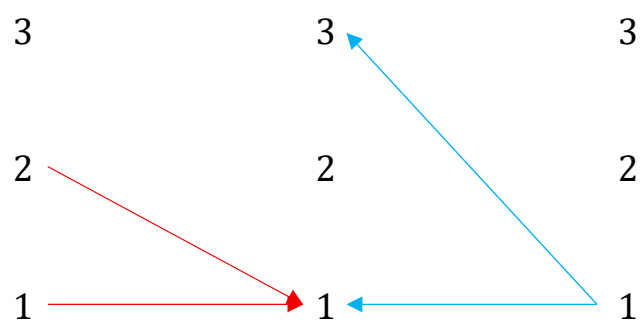
1.3 1.2 = (1.1, 1.3 | 1.1, 3.2)



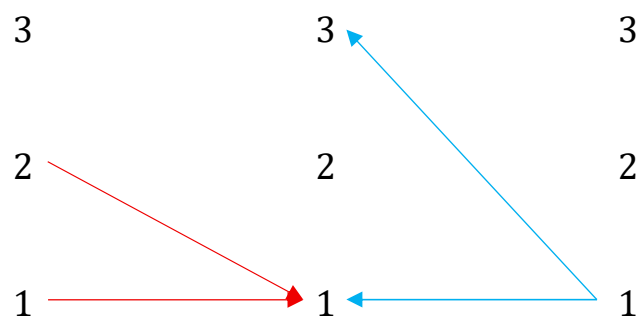
$$\mathfrak{T}'(1.1, 1.3 \mid 1.1, 3.2) = (1.1, 1.1, 3.1, 3.2)$$



$$\mathfrak{T}'(1.1, 2.1 \mid 1.1, 1.3) = (1.1, 2.1, 1.1, 1.3)$$

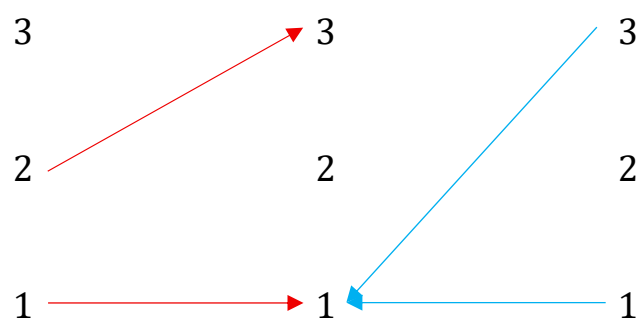


$$\mathfrak{T}'(1.1, 2.3 \mid 1.1, 3.1) = (1.1, 2.3, 1.1, 3.1)$$

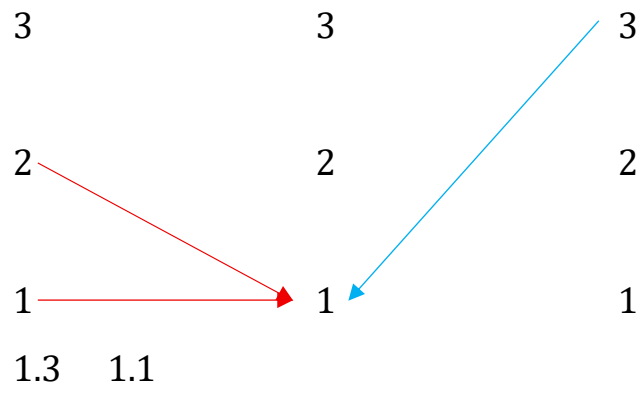


$$\mathfrak{T}'(1.1, 3.1 \mid 1.1, 3.2) = (1.1, 3.1, 1.1, 3.2)$$

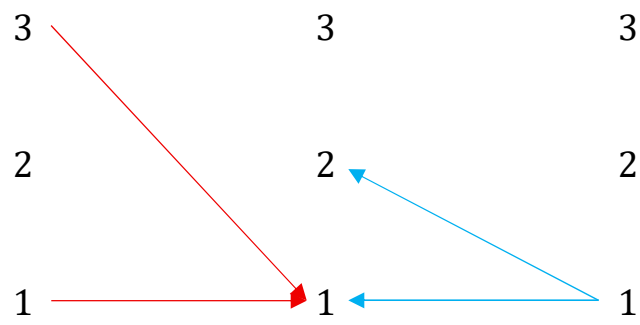
$$\mathfrak{T}'(1.1, 3.2 \mid 1.1, 3.1) = (1.1, 3.2, 1.1, 3.1)$$



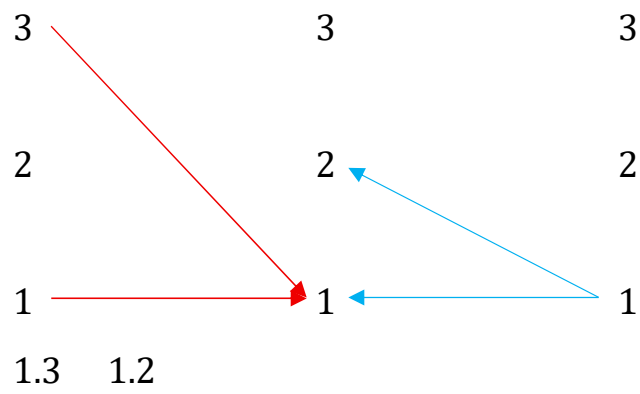
$$\mathfrak{T}'(1.1, 2.3 \mid 1.1, 3.1) = (1.1, 2.1, 3.1, 3.1)$$



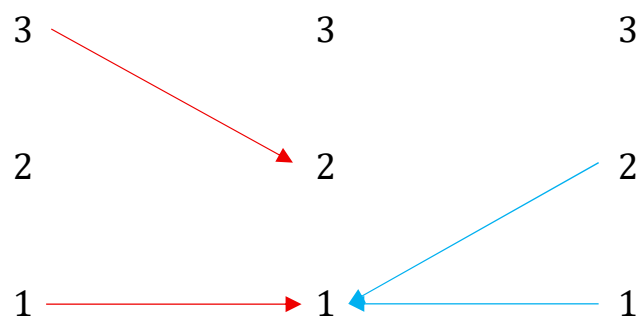
$$1.1 \quad 1.2 = (1.1, 3.1 \mid 1.1, 1.2)$$



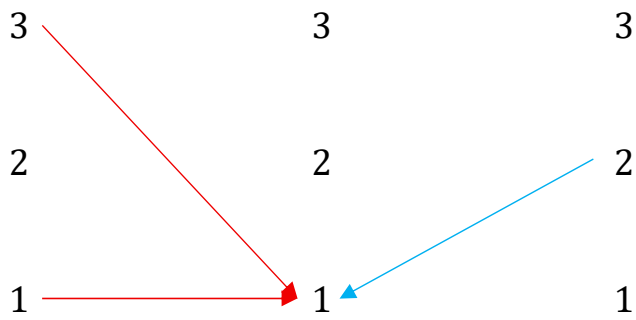
$$\mathfrak{T}'(1.1, 3.1 \mid 1.1, 1.2) = (1.1, 3.1, 1.1, 1.2)$$



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



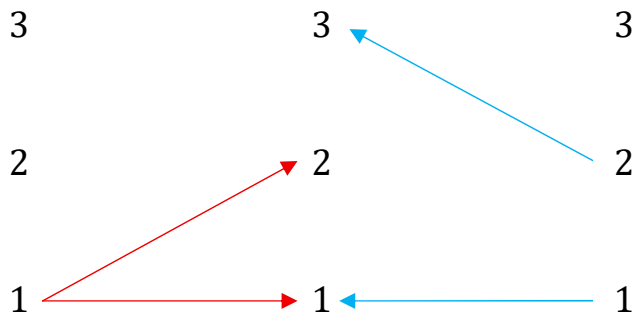
$$\mathfrak{T}'(1.1, 3.2 \mid 1.1, 2.1) = (1.1, 3.1, 2.1, 2.1)$$



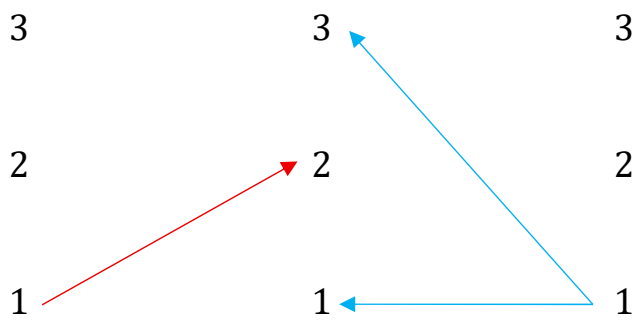
3. Triaden

1.1 2.1

$$2.1 \quad 3.1 = (1.2, 1.1 \mid 2.3, 1.1)$$

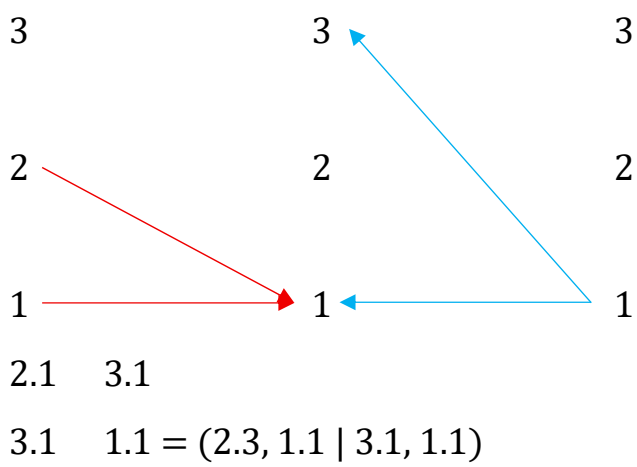
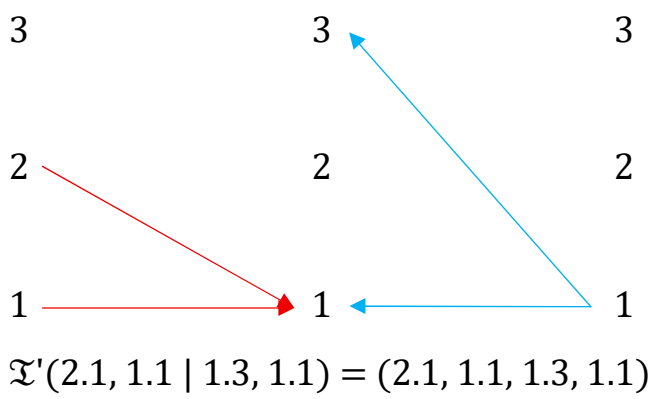
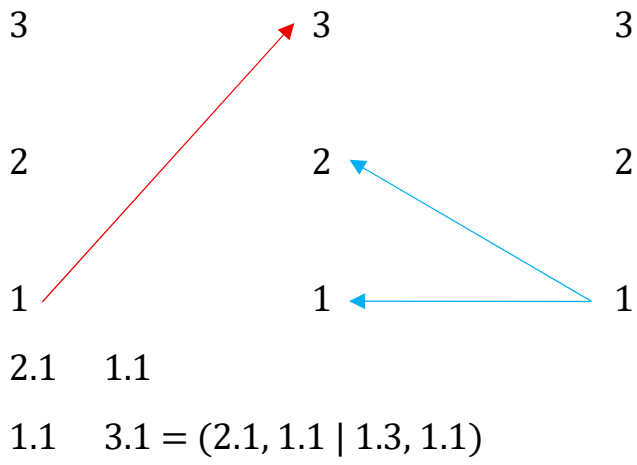
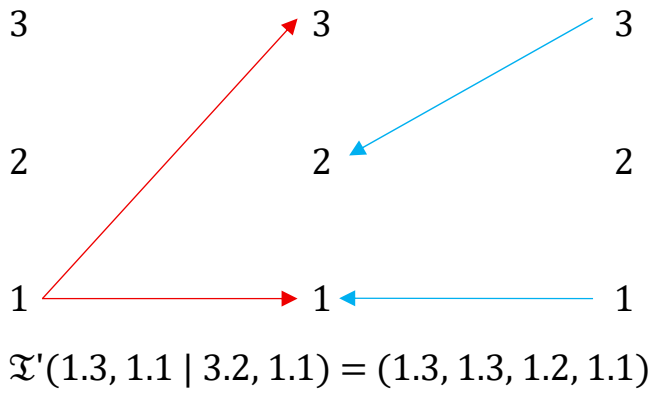


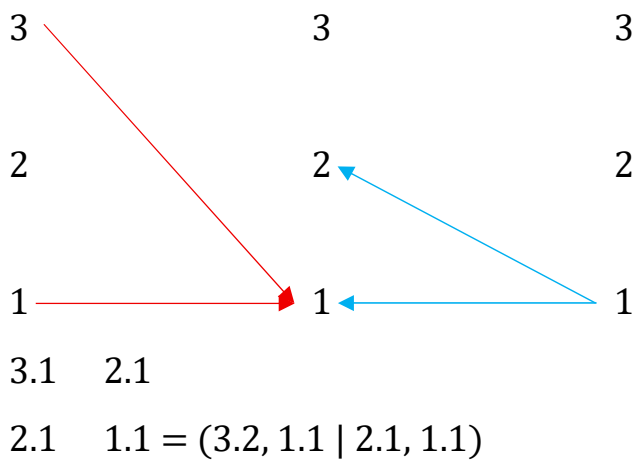
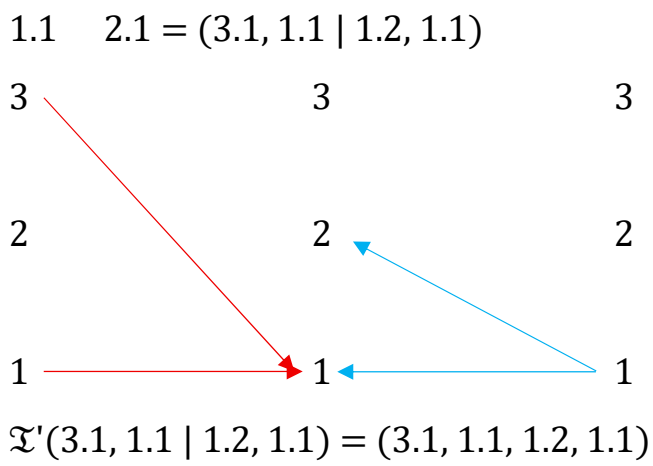
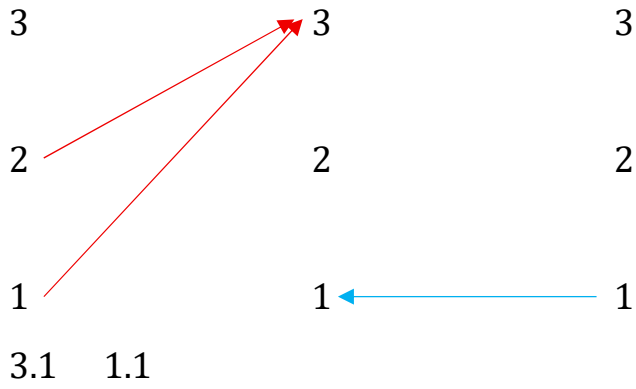
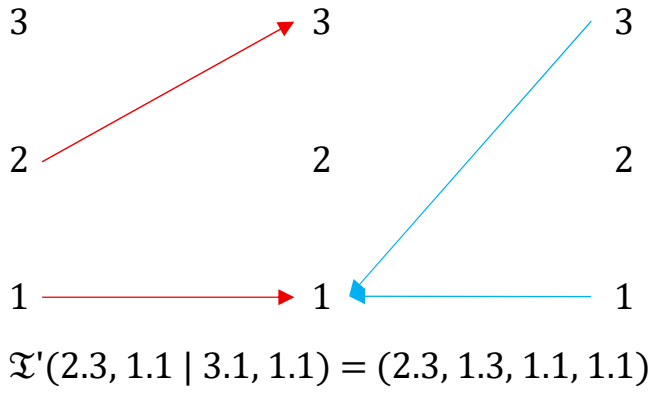
$$\mathfrak{T}'(1.2, 1.1 \mid 2.3, 1.1) = (1.2, 1.2, 1.3, 1.1)$$

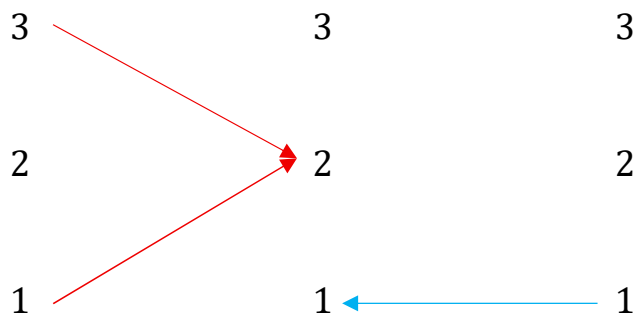
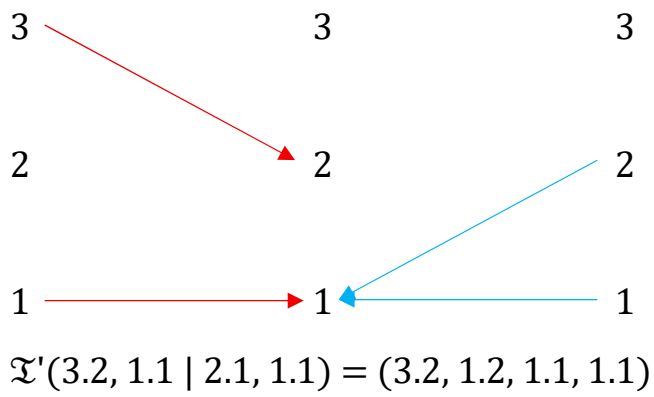


1.1 3.1

$$3.1 \quad 2.1 = (1.3, 1.1 \mid 3.2, 1.1)$$







Literatur

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

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

6.9.2025