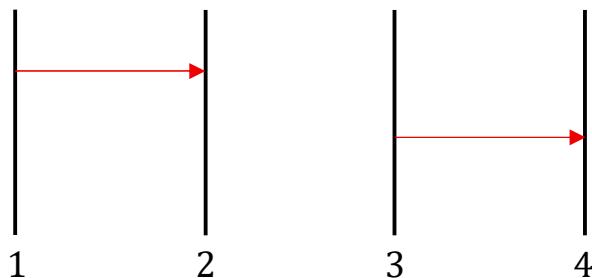


### Trajektische Permutationen

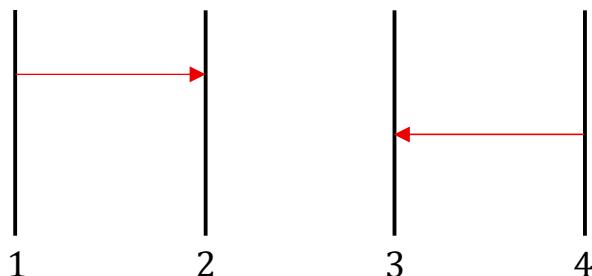
1. Wie bekannt, kann man semiotische Relationen in der Form von trajektorischen Dyaden darstellen (vgl. Toth 2025a). Diese haben natürlich 4 Positionen, d.h. eine morphismische und eine heteromorphismische Domäne und Codomäne. Wir gehen nun im Anschluß an Toth (2025b) von den  $4! = 24$  Permutationen einer allgemeinen Relation der Form  $R = (1.2 \mid 3.4)$  aus und bestimmen iconische, indexikalische und symbolische Abbildungen (vgl. Toth 2025c) mit Hilfe von topologischen Strukturdiagrammen (vgl. Toth 2025d).

2. Strukturdiagramme trajektorischer Permutationen

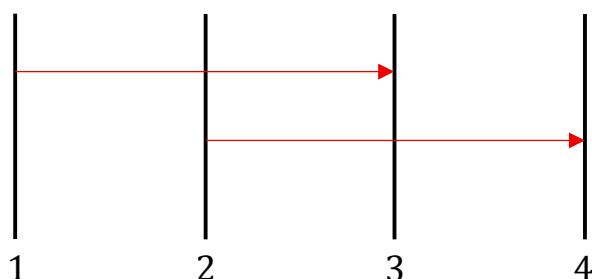
$$R_1 = (1.2 \mid 3.4)$$



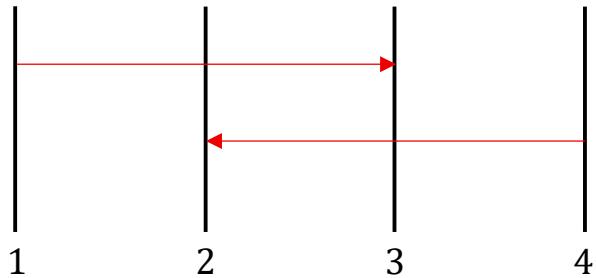
$$R_2 = (1.2 \mid 4.3)$$



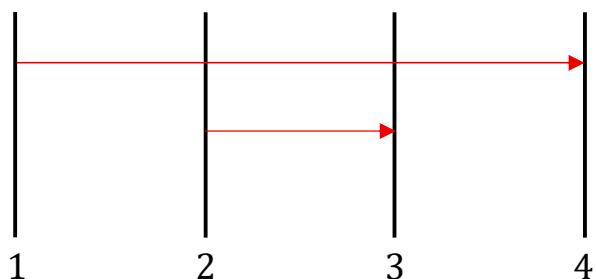
$$R_3 = (1.3 \mid 2.4)$$



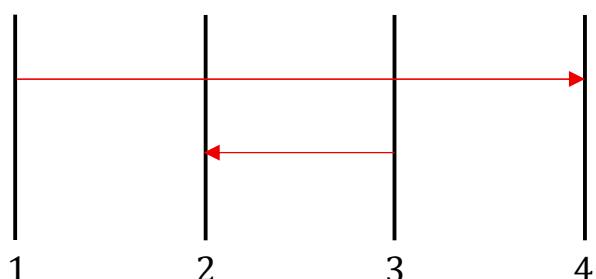
$$R_4 = (1.3 \mid 4.2)$$



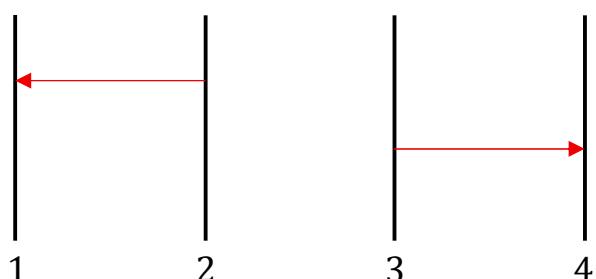
$$R_5 = (1.4 \mid 2.3)$$



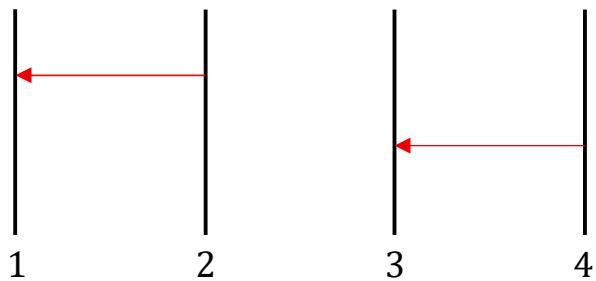
$$R_6 = (1.4 \mid 3.2)$$



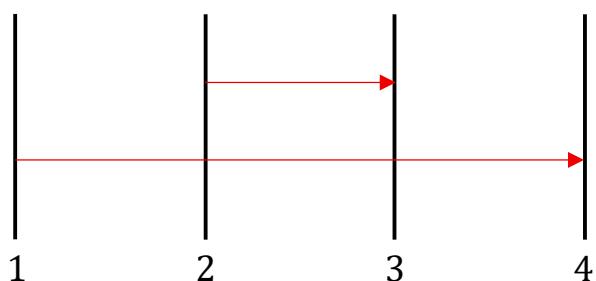
$$R_7 = (2.1 \mid 3.4)$$



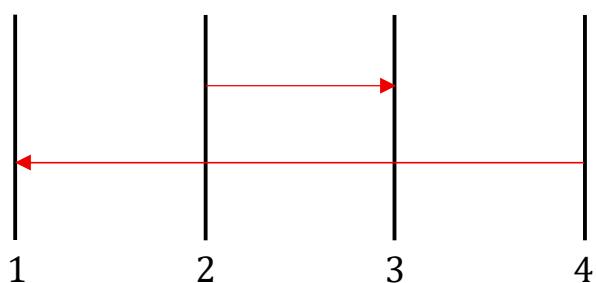
$$R_8 = (2.1 \mid 4.3)$$



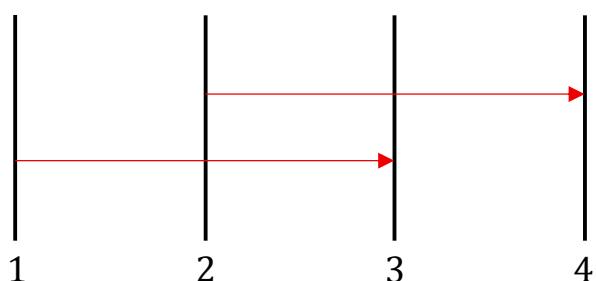
$$R_9 = (2.3 \mid 1.4)$$



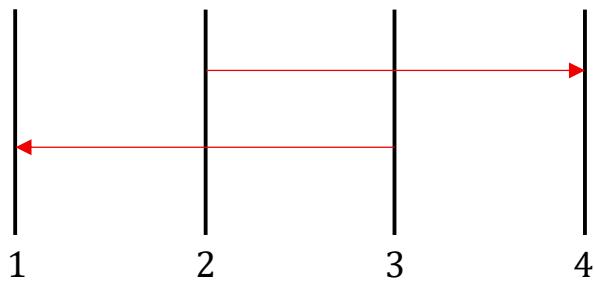
$$R_{10} = (2.3 \mid 4.1)$$



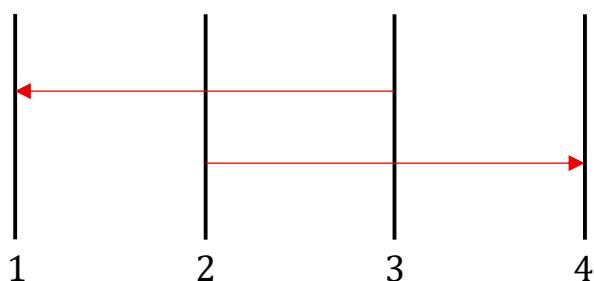
$$R_{11} = (2.4 \mid 1.3)$$



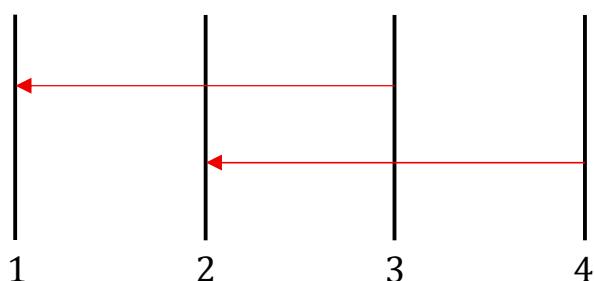
$$R_{12} = (2.4 \mid 3.1)$$



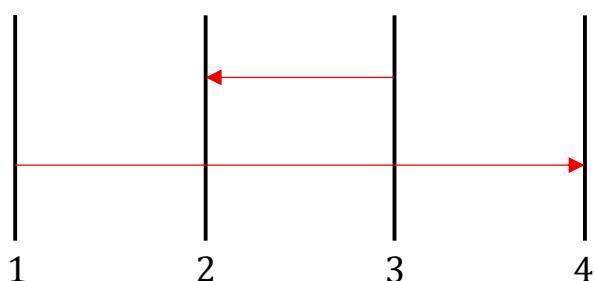
$$R_{13} = (3.1 \mid 2.4)$$



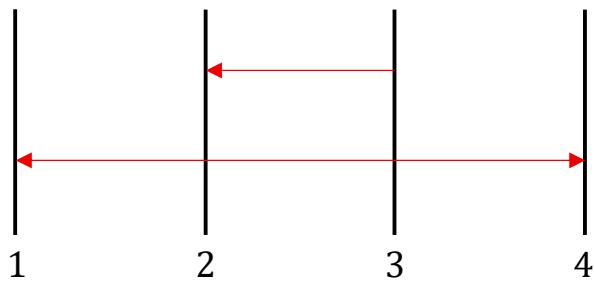
$$R_{14} = (3.1 \mid 4.2)$$



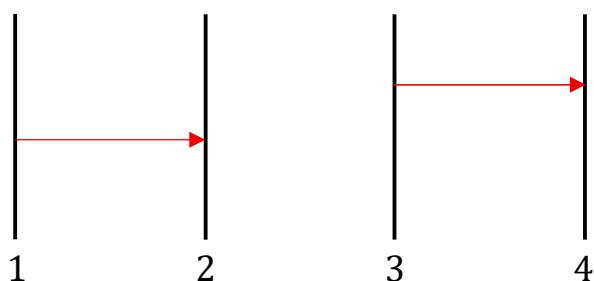
$$R_{15} = (3.2 \mid 1.4)$$



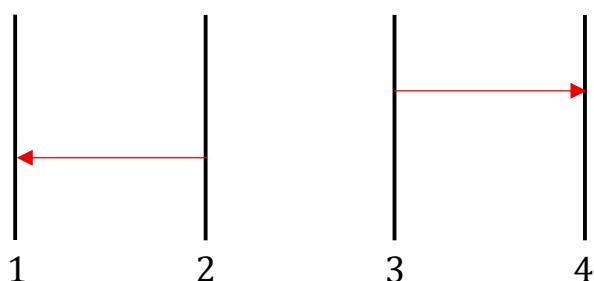
$$R_{16} = (3.2 \mid 4.1)$$



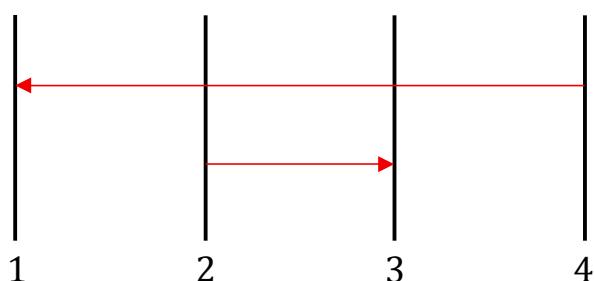
$$R_{17} = (3.4 \mid 1.2)$$



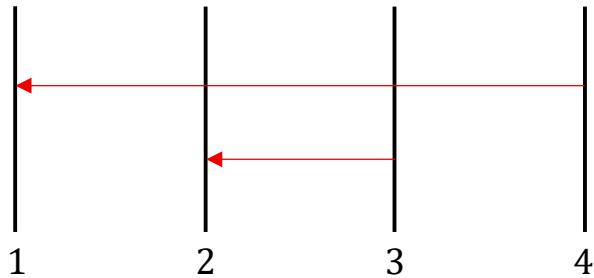
$$R_{18} = (3.4 \mid 2.1)$$



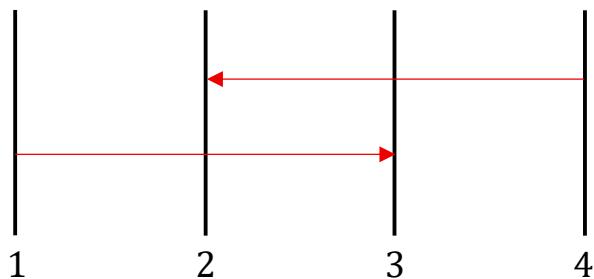
$$R_{19} = (4.1 \mid 2.3)$$



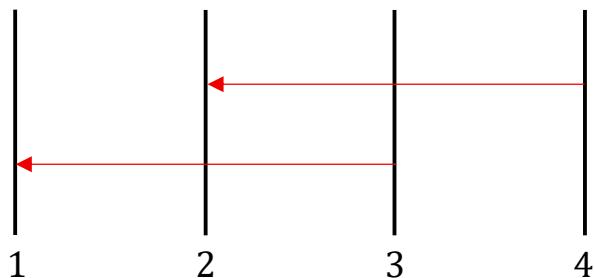
$$R_{20} = (4.1 \mid 3.2)$$



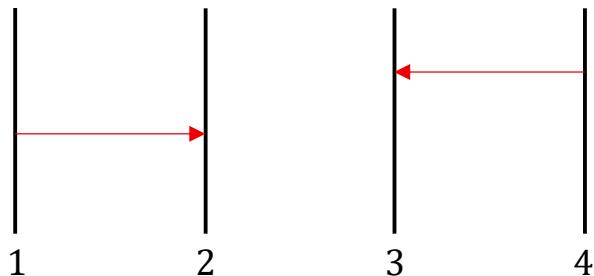
$$R_{21} = (4.2 \mid 1.3)$$



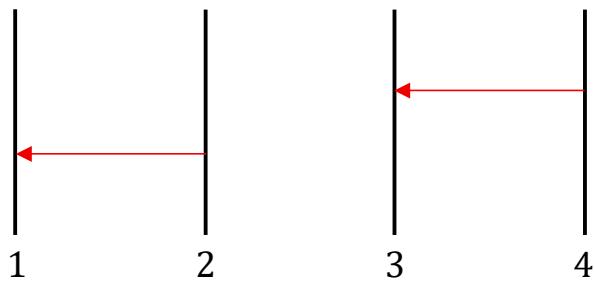
$$R_{22} = (4.2 \mid 3.1)$$



$$R_{23} = (4.3 \mid 1.2)$$



$$R_{24} = (4.3 \mid 2.1)$$



## Literatur

Toth, Alfred, Strukturen trajektischer Dyaden. In: Electronic Journal for Mathematical Semiotics, 2025a

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6.12.2025