

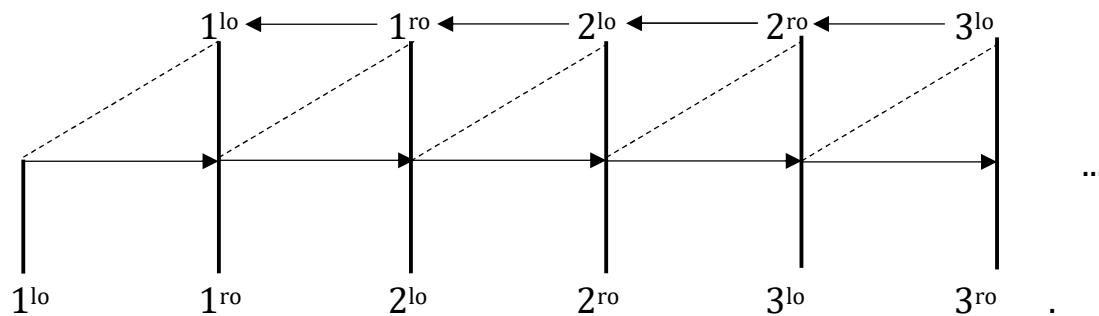
Prof. Dr. Alfred Toth

Trajektionsachsen bei thematischen Realitäten

1. Eine trajektische Relation ist eine Relation mit einer Differenz

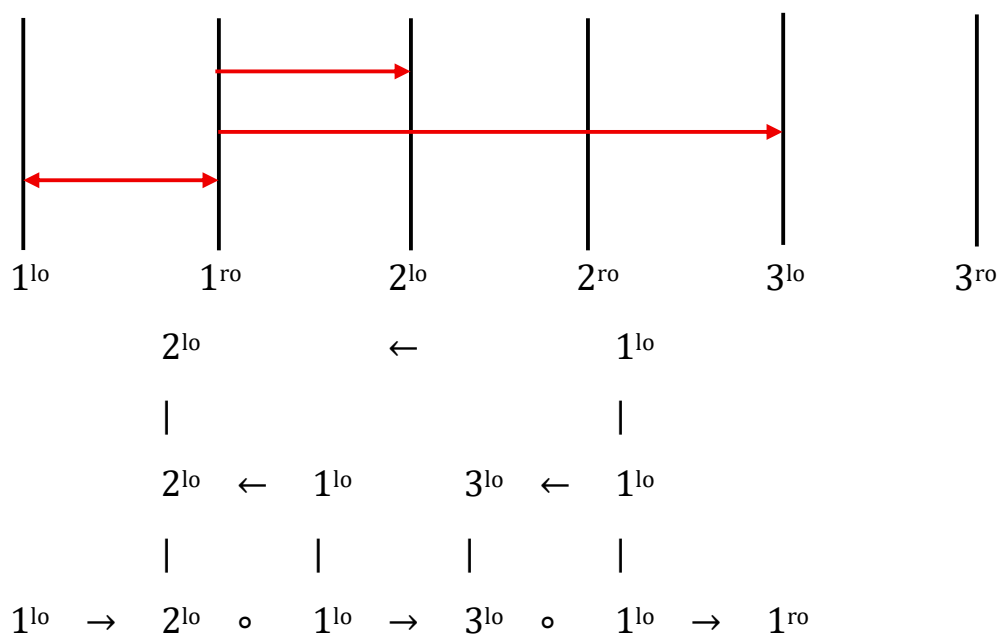
$$T = (x, y, z) = (x \mid y)$$

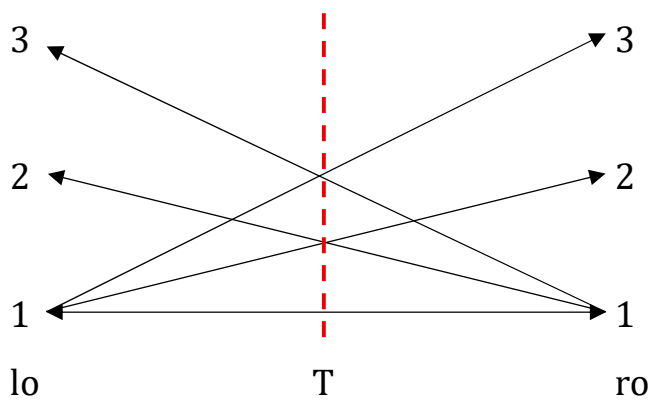
mit $\mid = R(x, z)$ und $R(x, z) \neq R(z, x)$, d.h. $R \neq \emptyset$, wobei $R(x, y) = R^{\rightarrow} = R^{ro}$, $R(y, x) = R^{\leftarrow} = R^{lo}$ und dem Zählschema



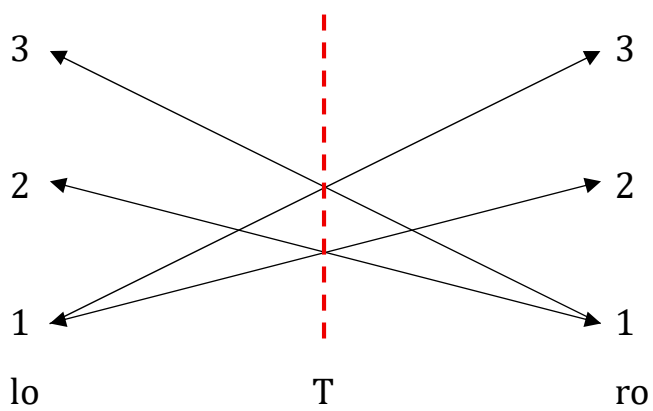
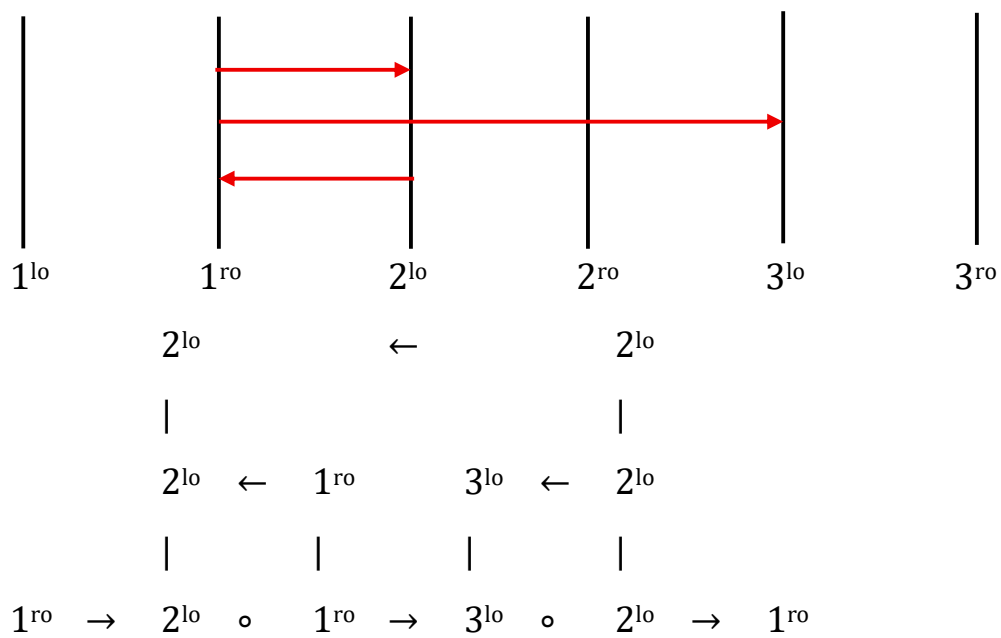
2. Im folgenden behandeln wir im Anschluß an Toth (2025a, b) die durch die dualen Realitätsthematiken der Zeichenklassen thematisierten strukturellen (entitätischen) Realitäten als trajektische Relationen und stellen sie dreifach dar: mittels trajektischer Zählschemata, (3, 2)-Diamonds und einem numerischen Bestimmungsschema zur Ermittlung der Trajektionsachsen.

2.1. $(3.1, 2.1, 1.1) \Rightarrow 1.1 \leftarrow (1.2, 1.3)$

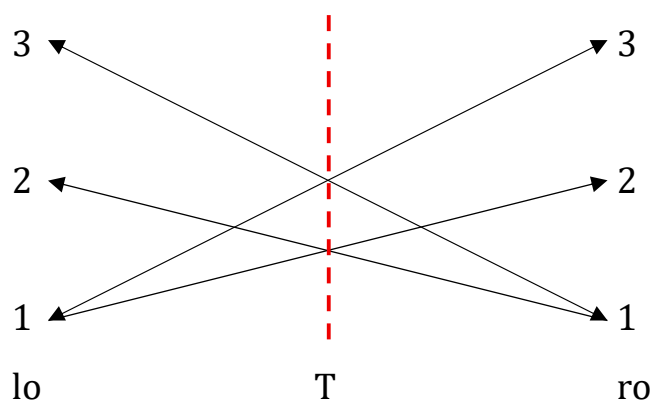
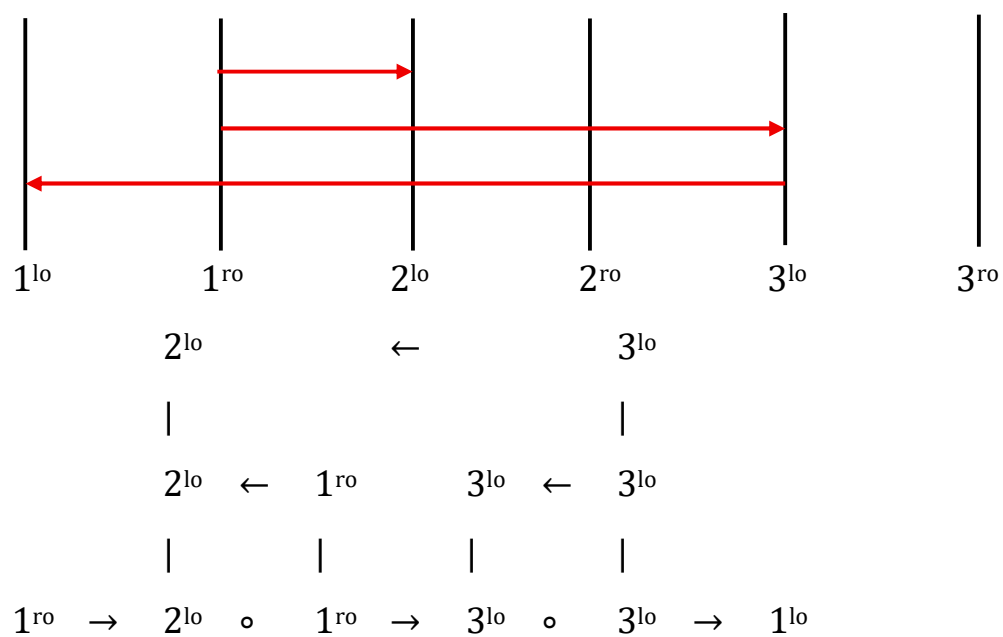




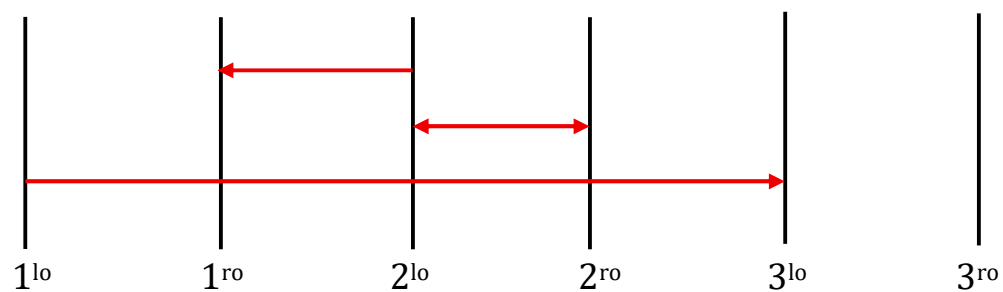
2.2. $(3.1, 2.1, 1.2) \Rightarrow 2.1 \leftarrow (1.2, 1.3)$

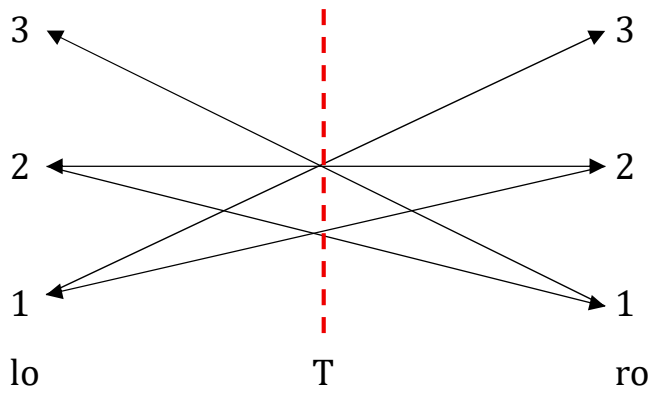
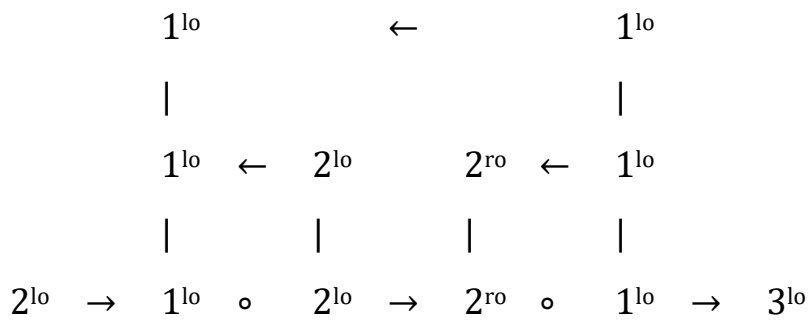


2.3. $(3.1, 2.1, 1.3) \Rightarrow 3.1 \leftarrow (1.2, 1.3)$

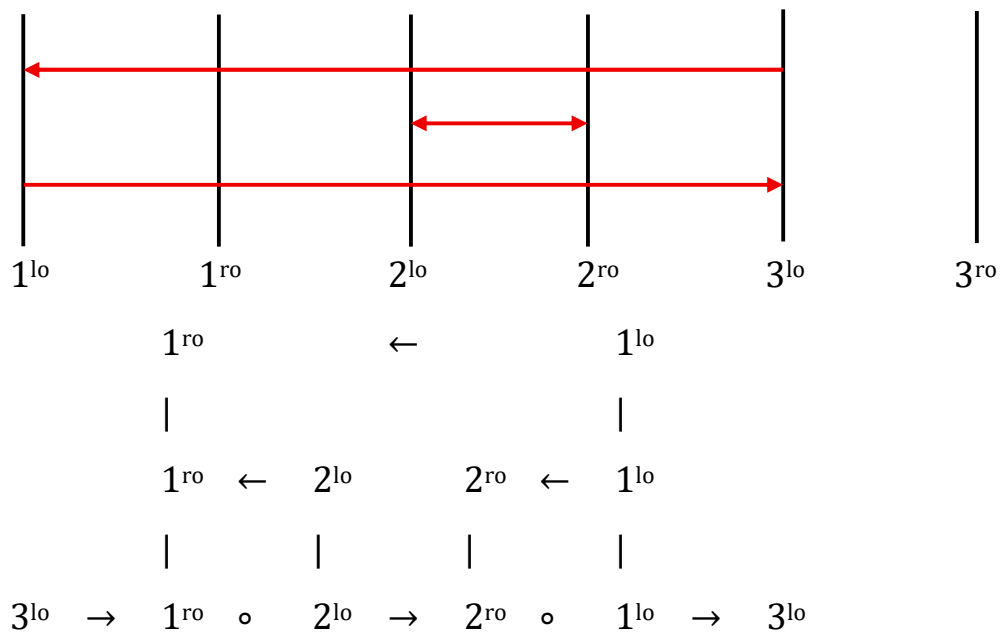


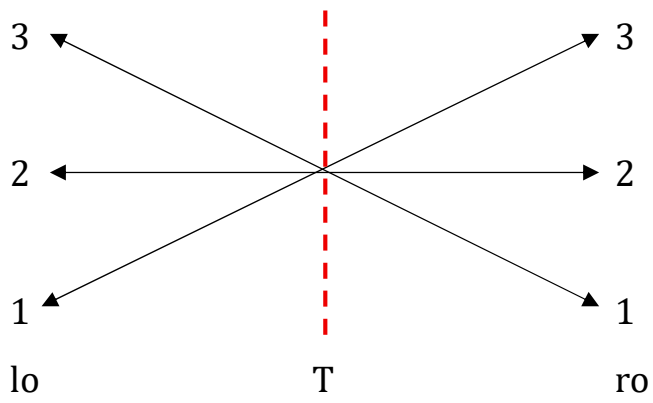
2.4. $(3.1, 2.2, 1.2) \Rightarrow (2.1, 2.2) \rightarrow 1.3$



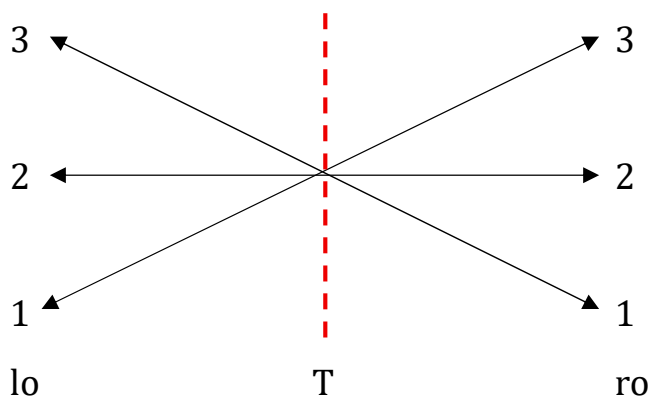
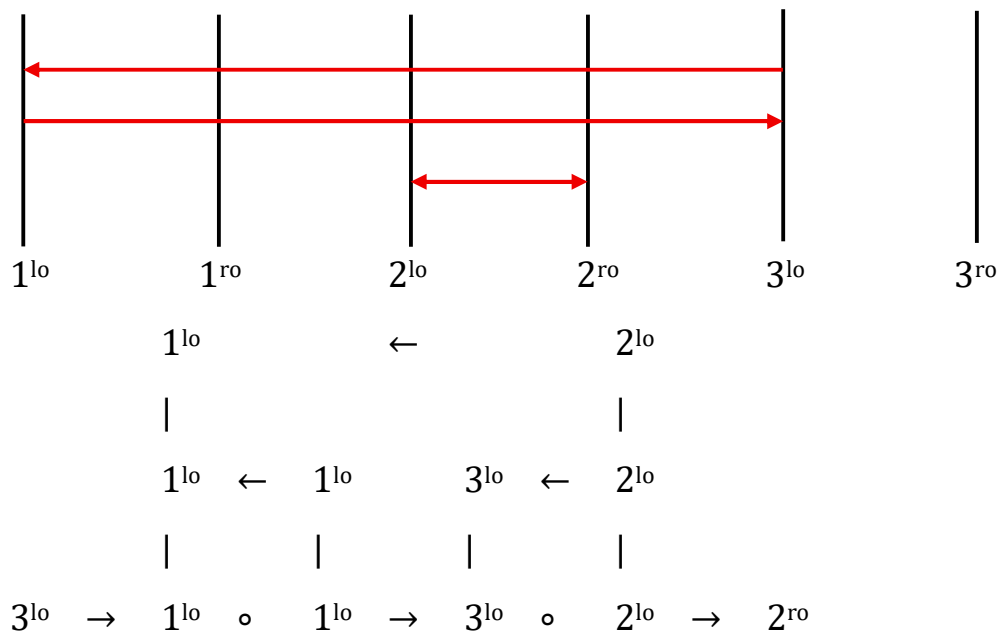


2.5.a. $(3.1, 2.2, 1.3) \Rightarrow (3.1, 2.2) \rightarrow 1.3$

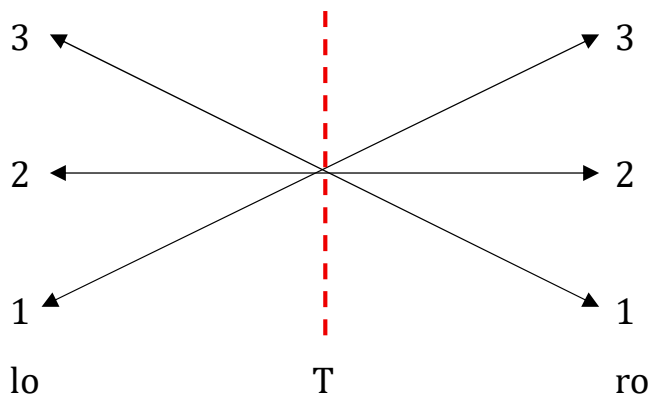
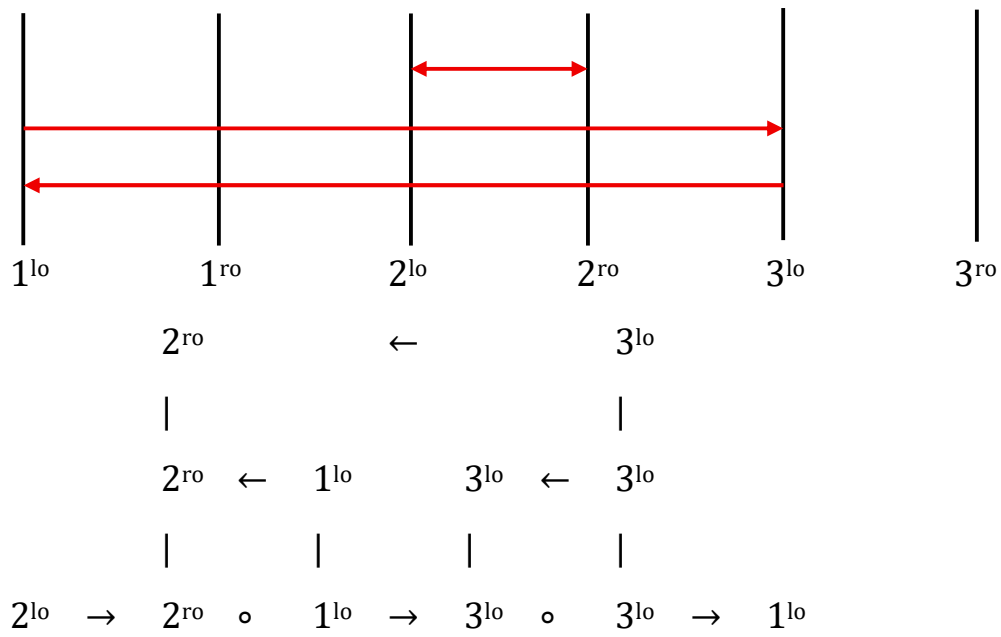




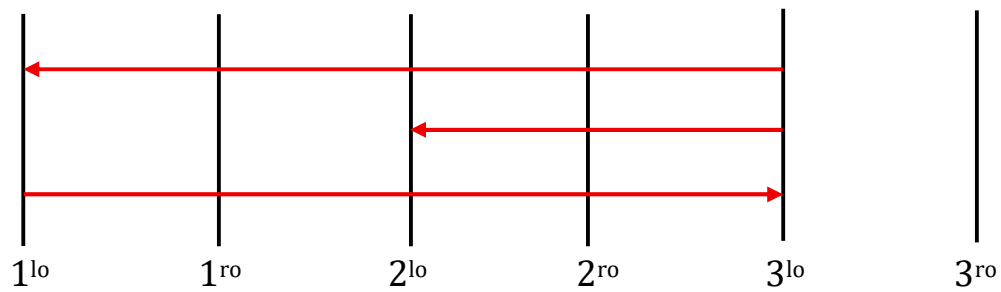
2.5.b. $(3.1, 2.2, 1.3) \Rightarrow (3.1, 1.3) \rightarrow 2.2$

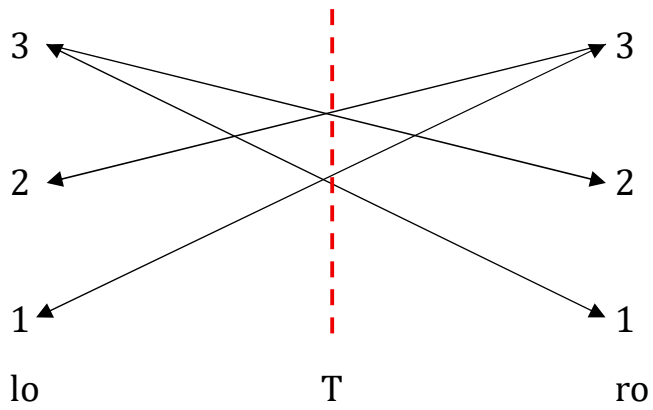
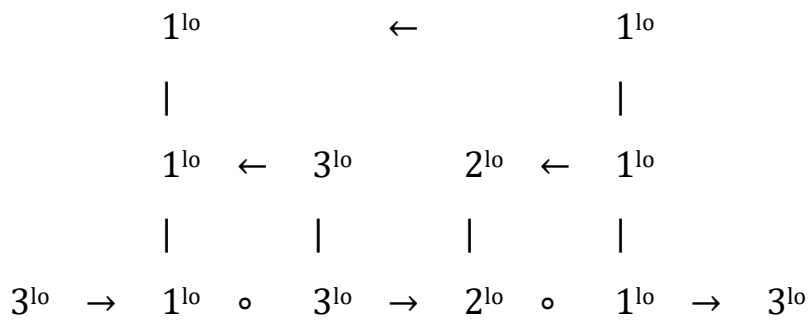


2.5.c. $(3.1, 2.2, 1.3) \Rightarrow (2.2, 1.3) \rightarrow 3.1$

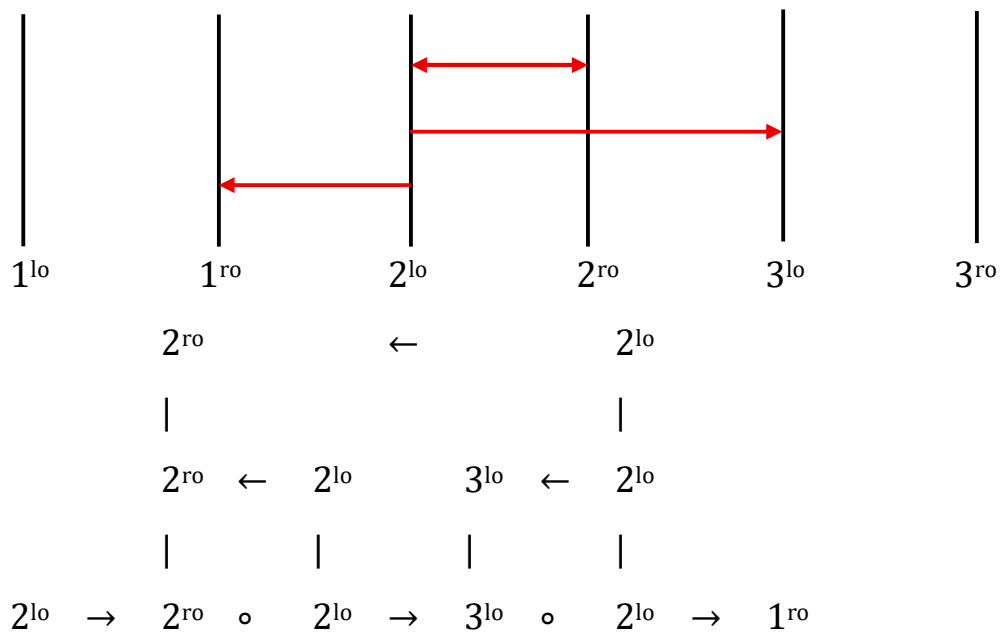


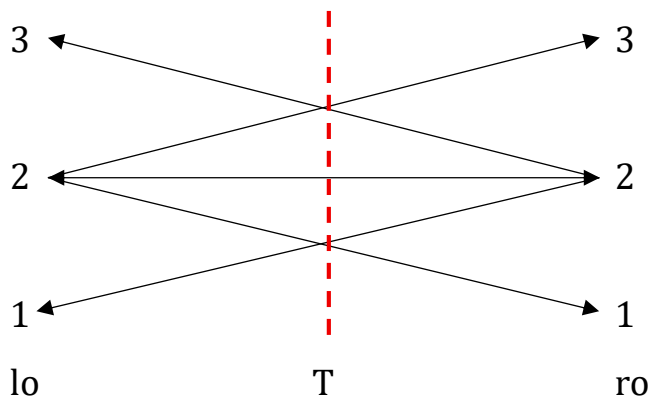
2.6. $(3.1, 2.3, 1.3) \Rightarrow (3.1, 3.2) \rightarrow 1.3$



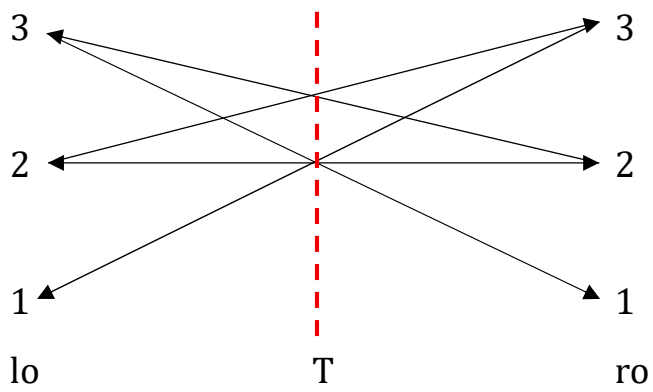
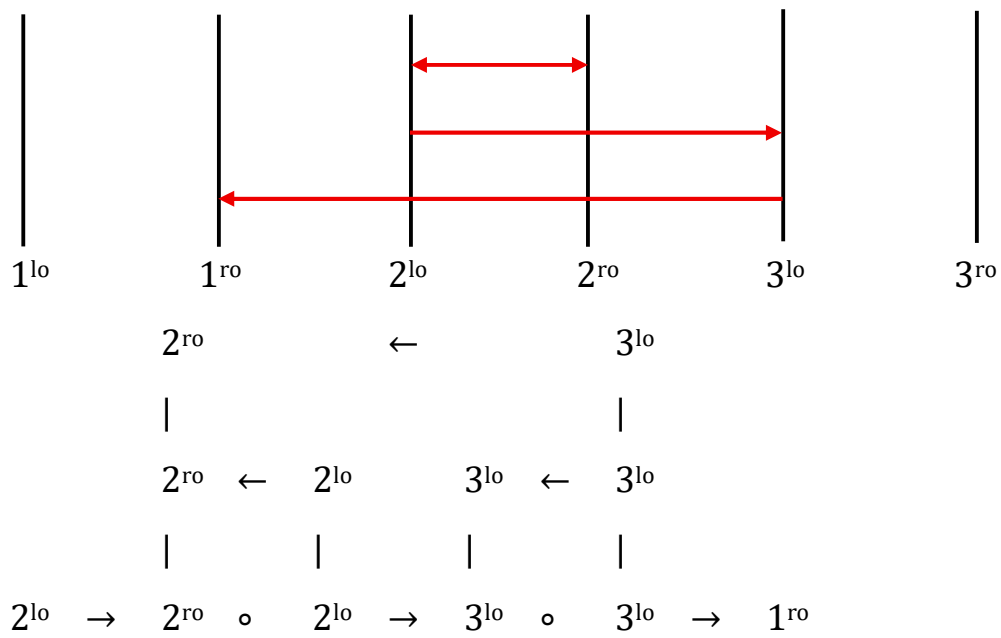


2.7. $(3.2, 2.2, 1.2) \Rightarrow 2.1 \leftarrow (2.2, 2.3)$

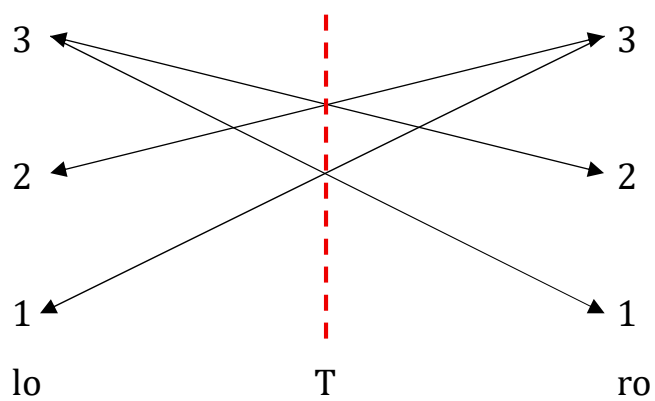
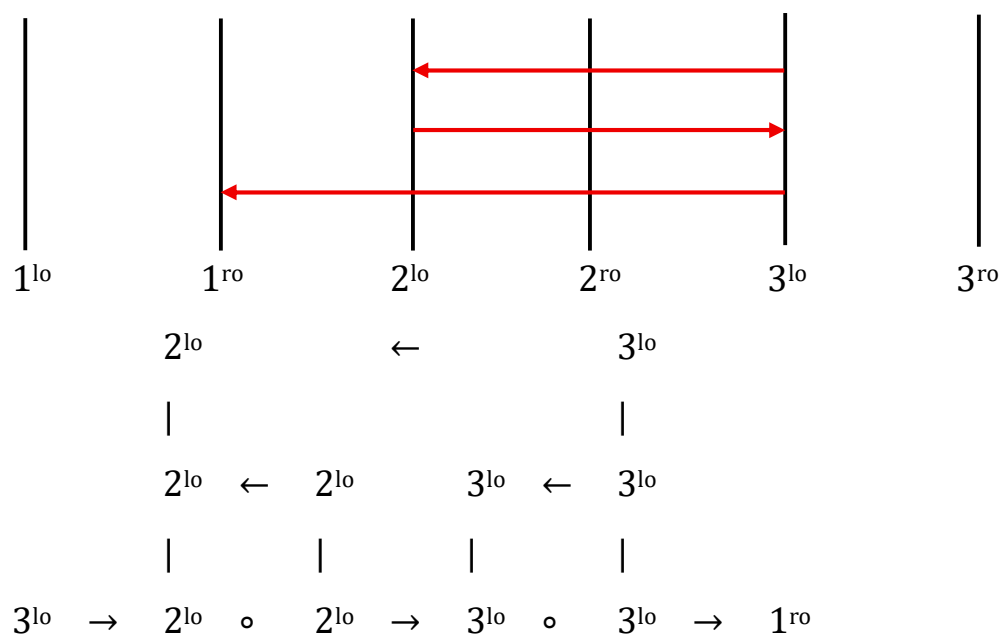




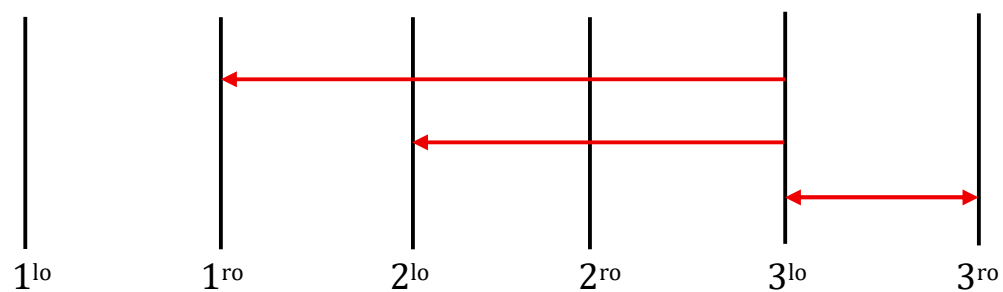
2.8. $(3.2, 2.2, 1.3) \Rightarrow 3.1 \leftarrow (2.2, 2.3)$

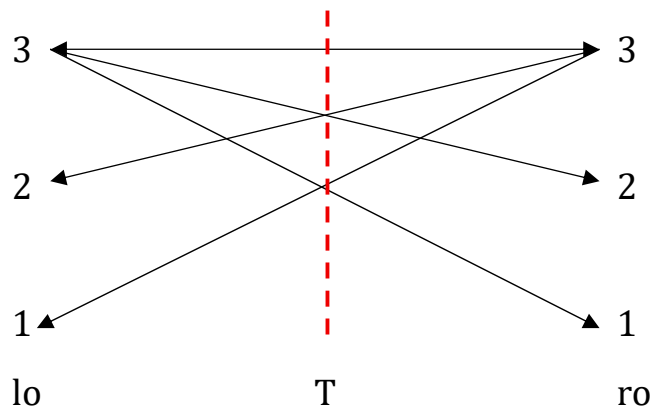
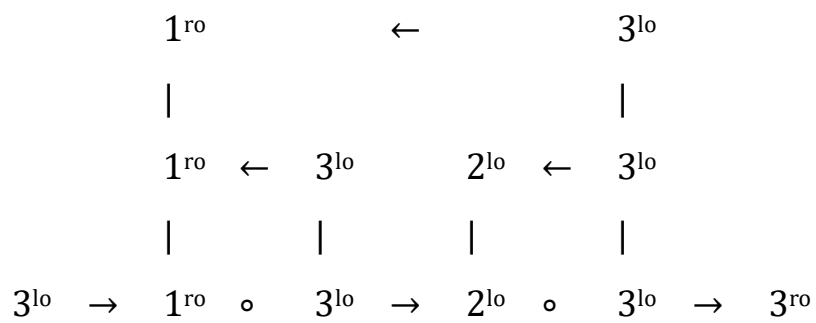


2.9. $(3.2, 2.3, 1.3) \Rightarrow 3.1 \leftarrow (3.2, 2.3)$



2.10. $(3.3, 2.3, 1.3) \Rightarrow (3.1, 3.2) \leftarrow 3.3$





Literatur

Toth, Alfred, Semiotische Thematisationen als trajektische Relationen. In: Electronic Journal for Mathematical Semiotics, 2025a

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

17.8.2025