

Trajektionen von Thematisierungsklassen

1. Im folgenden bilden wir die 27 ternär-triadischen Thematisierungsklassen, d.h. duale Abbildungen der Form

$$\text{Th} = (X, Y) \rightarrow Z \times Z \leftarrow (Y, X)$$

(vgl. Toth 2026), auf ihre Trajektionen (vgl. Toth 2025) ab. Trajektionen eignen sich wegen ihrer gegenläufigen Struktur (die sie auch bei algebraischen Diamonds einsetzbar macht) sehr gut zur Darstellung reflektorischer Relationen.

2. Trajektionen von Thematisierungsklassen

1. Thematisierungsklasse

$$\begin{array}{ccccccc} 3.1 & 2.1 & 1.1 & \times & 1.1 & 1.2 & 1.3 & \Rightarrow \\ (1 & 1) & \rightarrow & 1 & \times & 1 & \leftarrow & (1 & 1) \\ 1 & \xrightarrow{\quad\quad\quad} & 1 & \xleftarrow{\quad\quad\quad} & 1 & & & \end{array}$$

$$\begin{array}{ccc} 2 & & 2 \\ & & 2 \end{array}$$

$$\begin{array}{ccc} 3 & & 3 \\ & & 3 \end{array}$$

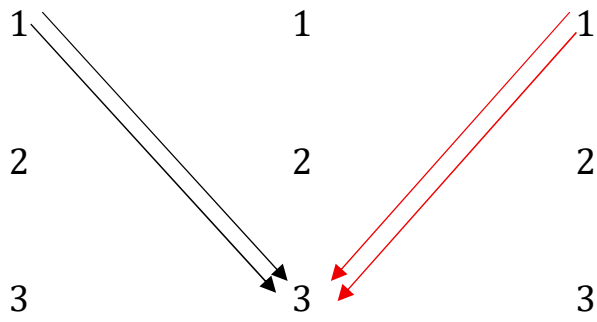
2. Thematisierungsklasse

$$\begin{array}{ccccccc} 3.1 & 2.1 & 1.2 & \times & 2.1 & 1.2 & 1.3 & \Rightarrow \\ (1 & 1) & \rightarrow & 2 & \times & 2 & \leftarrow & (1 & 1) \\ 1 & & & 1 & & & & 1 \\ & \searrow & & & \nearrow & & & \\ 2 & & & 2 & & & & 2 \end{array}$$

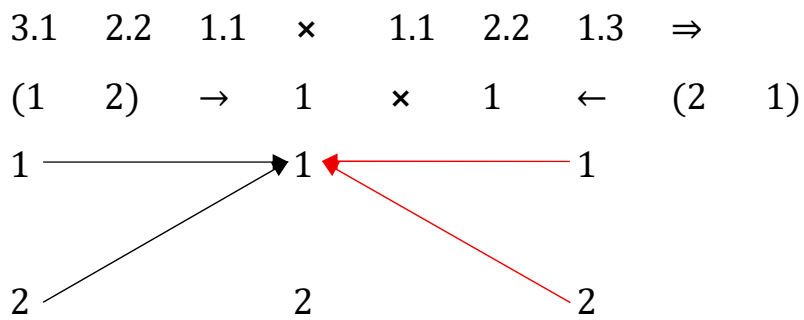
$$\begin{array}{ccc} 3 & & 3 \\ & & 3 \end{array}$$

3. Thematisierungsklasse

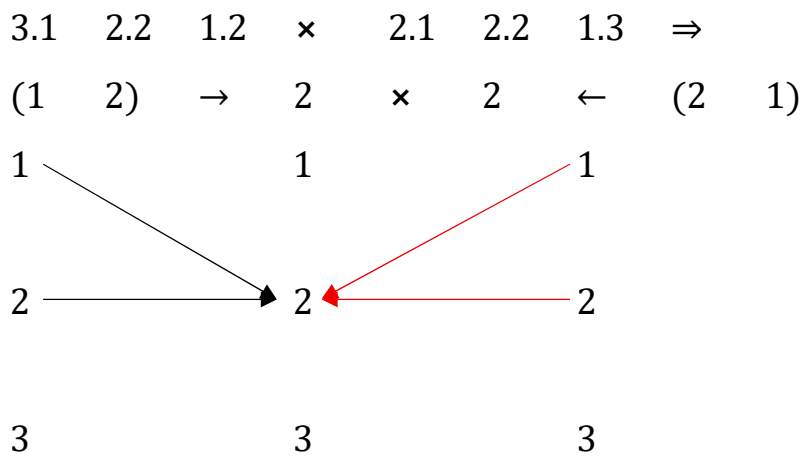
$$\begin{array}{ccccccc} 3.1 & 2.1 & 1.3 & \times & 3.1 & 1.2 & 1.3 & \Rightarrow \\ (1 & 1) & \rightarrow & 3 & \times & 3 & \leftarrow & (1 & 1) \end{array}$$



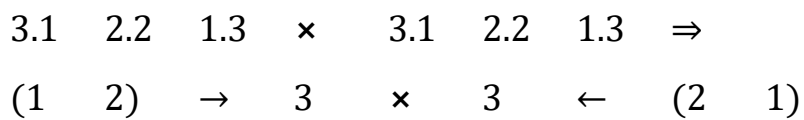
4. Thematisierungsklasse

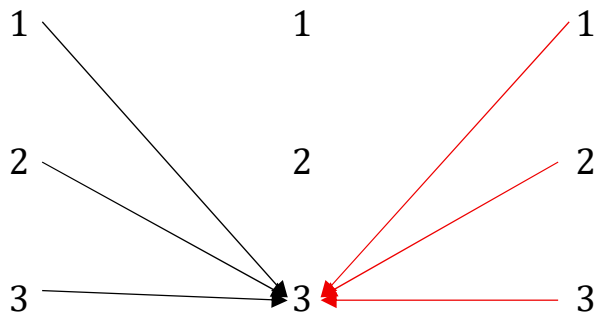


5. Thematisierungsklasse



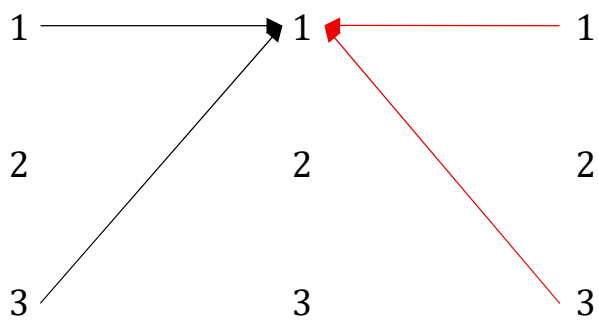
6. Thematisierungsklasse





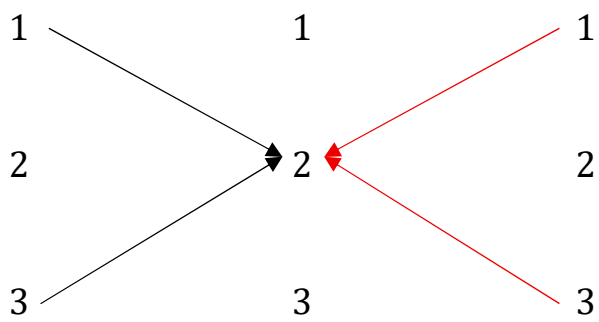
7. Thematisierungsklasse

3.1 2.3 1.1 × 1.1 3.2 1.3 ⇒
 (1 3) → 1 × 1 ← (3 1)



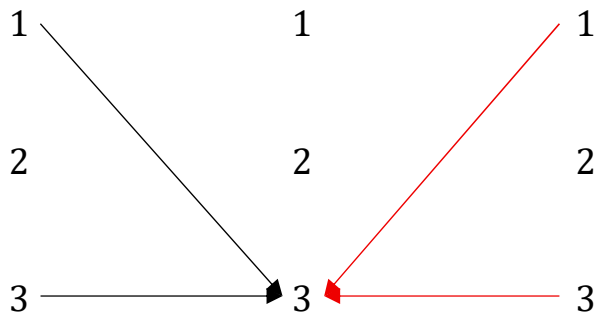
8. Thematisierungsklasse

3.1 2.3 1.2 × 2.1 3.2 1.3 ⇒
 (1 3) → 2 × 2 ← (3 1)

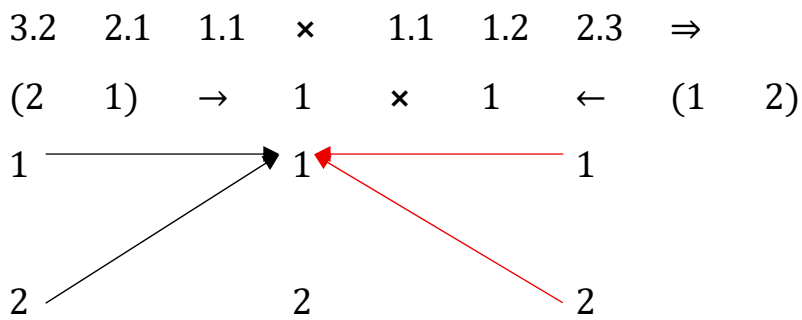


9. Thematisierungsklasse

3.1 2.3 1.3 × 3.1 3.2 1.3 ⇒
 (1 3) → 3 × 3 ← (3 1)

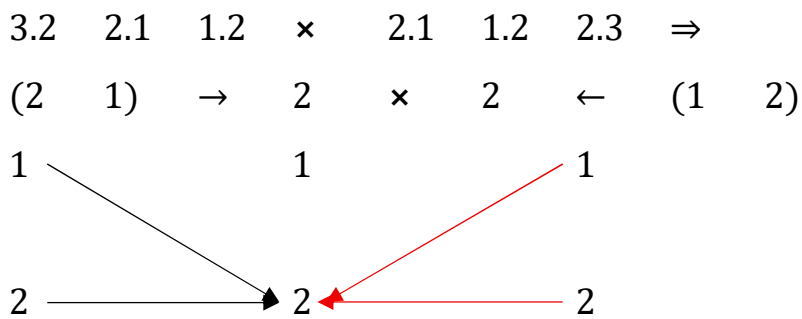


10. Thematisierungsklasse



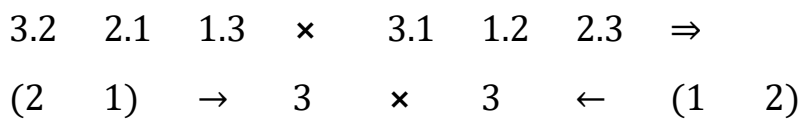
3 3 3

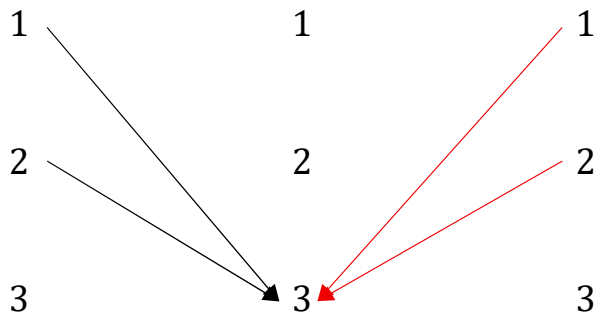
11. Thematisierungsklasse



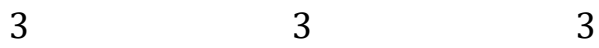
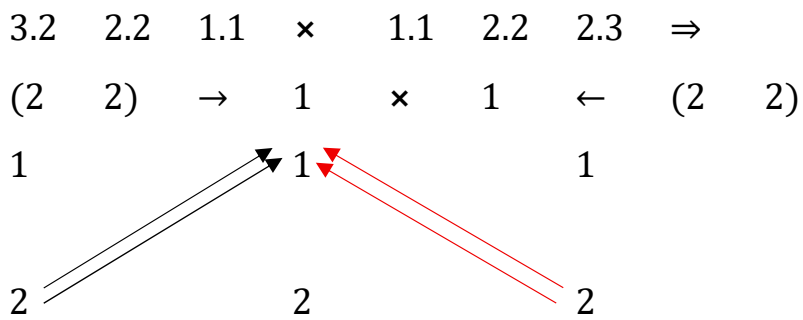
3 3 3

12. Thematisierungsklasse

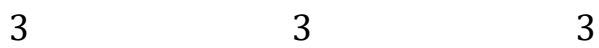
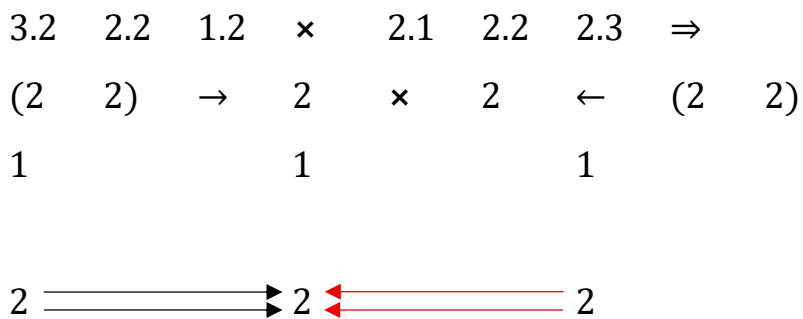




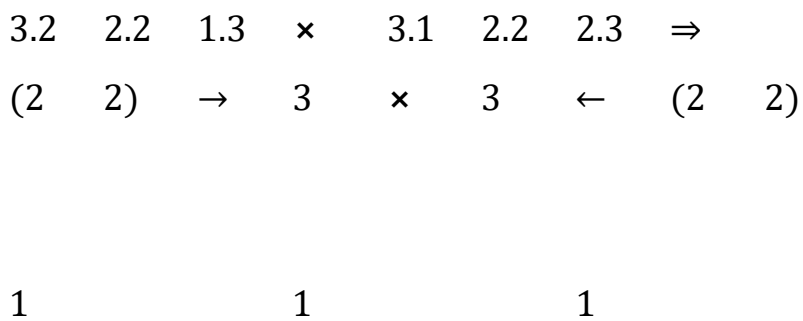
13. Thematizierungsstufe

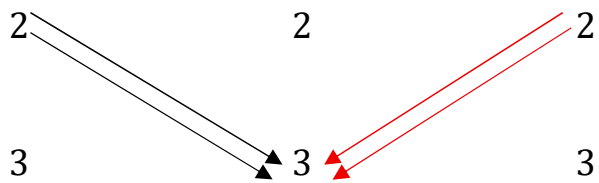


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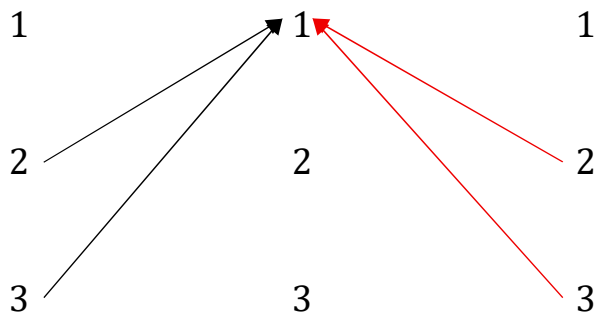
15. Thematizierungsstufe





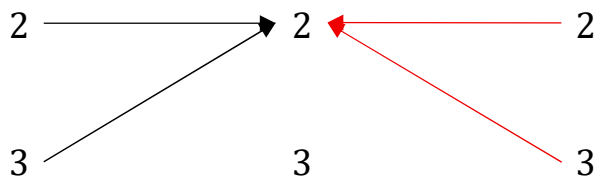
16. Thematisierungsklasse

3.2 2.3 1.1 × 1.1 3.2 2.3 ⇒
 (2 3) → 1 × 1 ← (3 2)



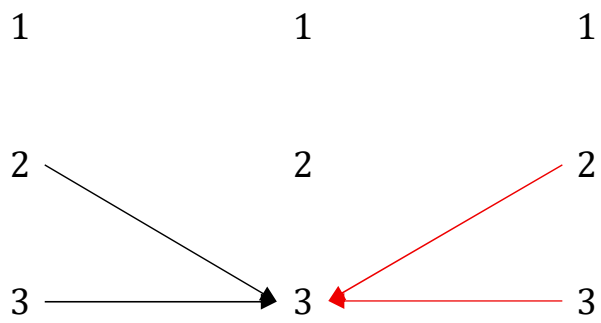
17. Thematisierungsklasse

3.2 2.3 1.2 × 2.1 3.2 2.3 ⇒
 (2 3) → 2 × 2 ← (3 2)
 1 1 1

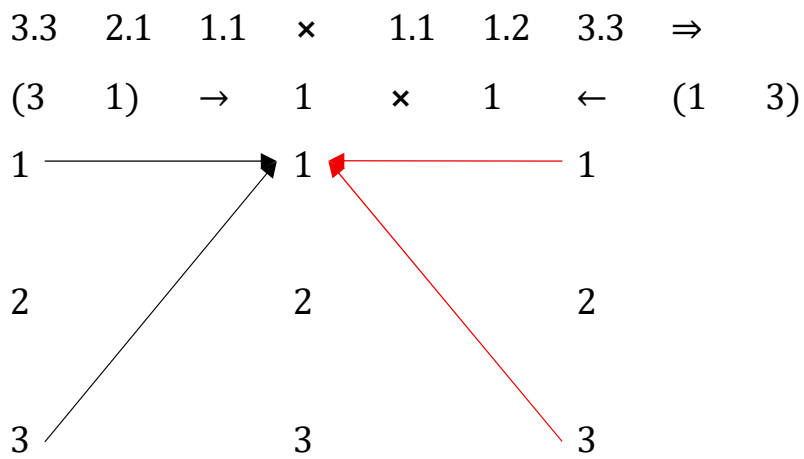


18. Thematisierungsklasse

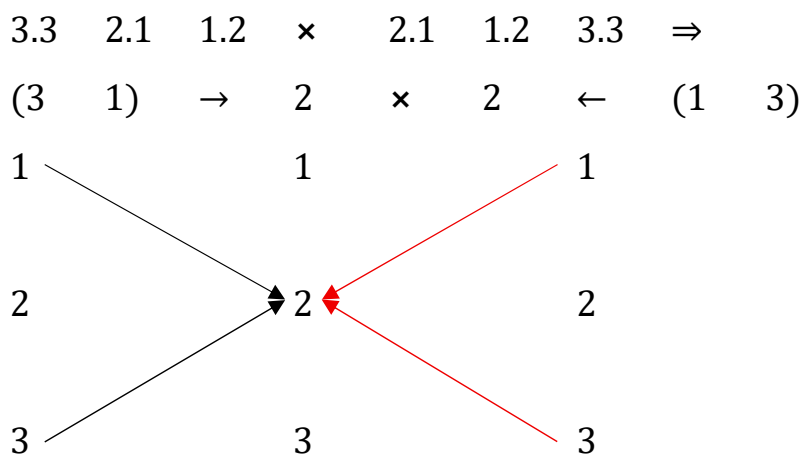
3.2 2.3 1.3 × 3.1 3.2 2.3 ⇒
 (2 3) → 3 × 3 ← (3 2)



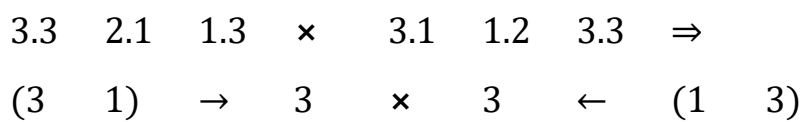
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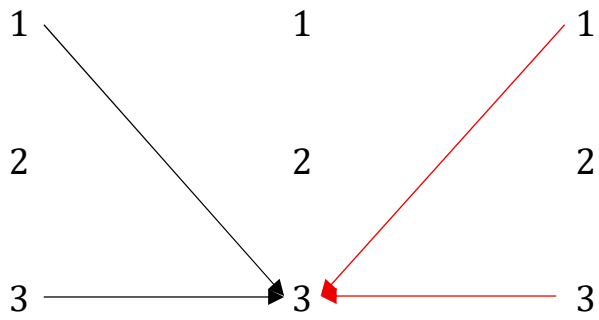


20. Thematisierungsklasse



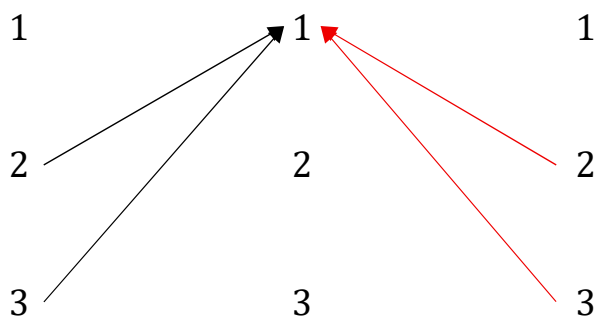
21. Thematisierungsklasse





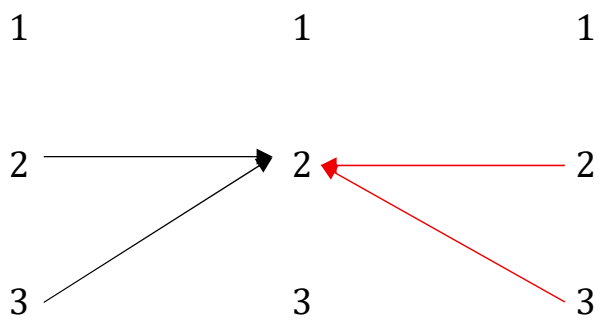
22. Thematisierungsklasse

3.3 2.2 1.1 × 1.1 2.2 3.3 ⇒
 (3 2) → 1 × 1 ← (2 3)



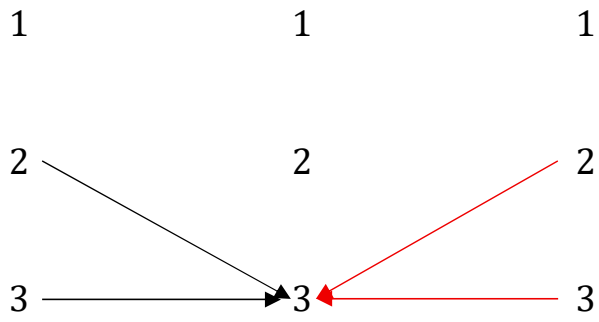
23. Thematisierungsklasse

3.3 2.2 1.2 × 2.1 2.2 3.3 ⇒
 (3 2) → 2 × 2 ← (2 3)

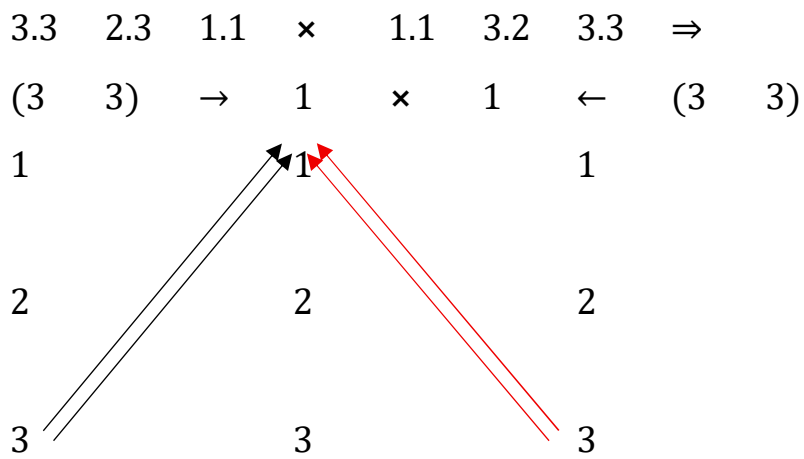


24. Thematisierungsklasse

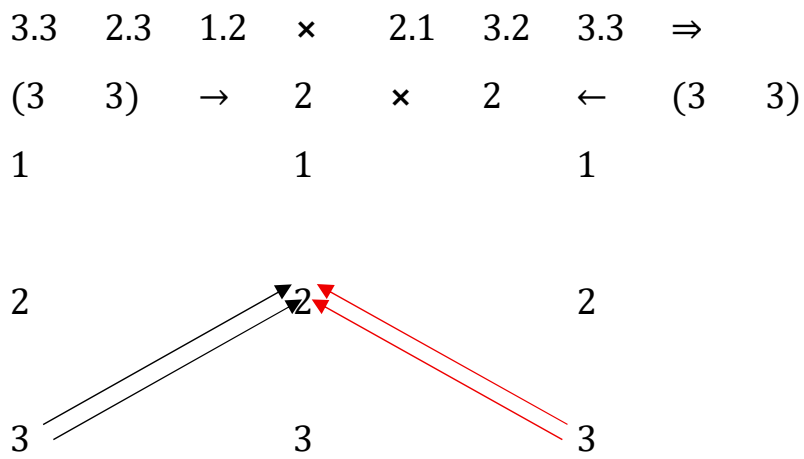
3.3 2.2 1.3 × 3.1 2.2 3.3 ⇒
 (3 2) → 3 × 3 ← (2 3)



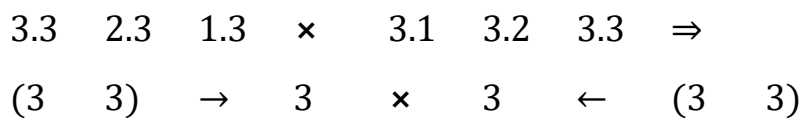
25. Thematizierungsstufe

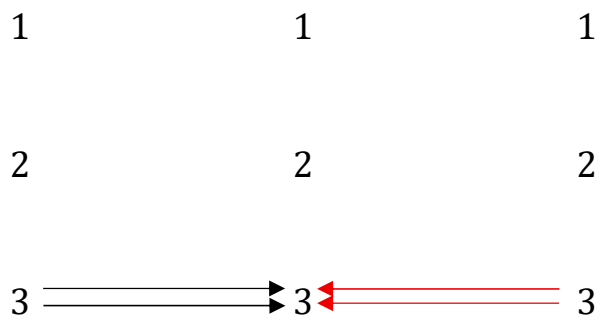


26. Thematizierungsstufe



27. Thematizierungsstufe





Literatur

Toth, Alfred, Bemerkungen zu Diamonds und Trajekten. In: Electronic Journal for Mathematical Semiotics, 2025

Toth, Alfred, Thematisierungsklassen. In: Electronic Journal for Mathematical Semiotics, 2026

11.3.2026