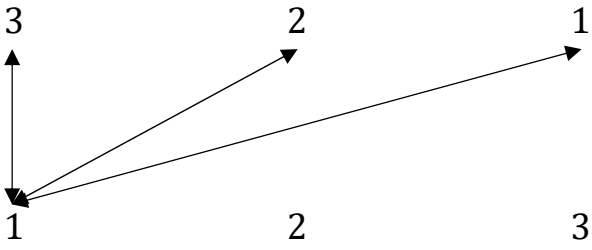
Prof. Dr. Alfred Toth

Reflexive strukturelle Realitäten

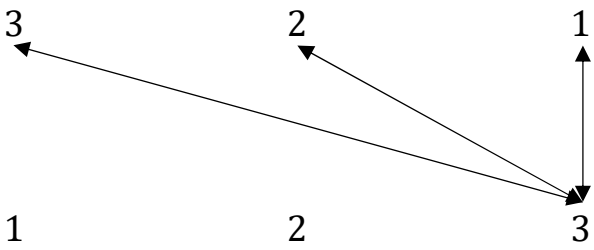
1. Im folgenden bestimmen wir anhand der Diagramme der Interrelationen in semiotischen Dualsystemen (vgl. Toth 2025a) die strukturellen Realitäten für jedes reflexive Paar (vgl. Toth 2025b). Die Thematisationen werden wie in der Semiotik üblich geschrieben; mit Asterisk werden Sandwiches gekennzeichnet.

1. refl(M-them. M, I-them. I)

DS1 = 3.1 2.1 1.1 × 1.1 1.2 1.3

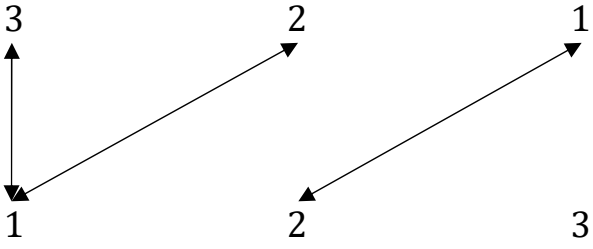


DS27 = 3.3 2.3 1.3 × 3.1 3.2 3.3

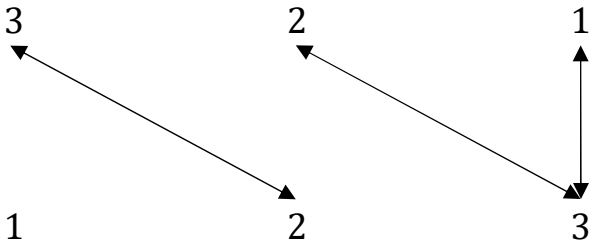


2. refl(M-them. O, I-them. O)

DS2 = 3.1 2.1 1.2 × 2.1 1.2 1.3

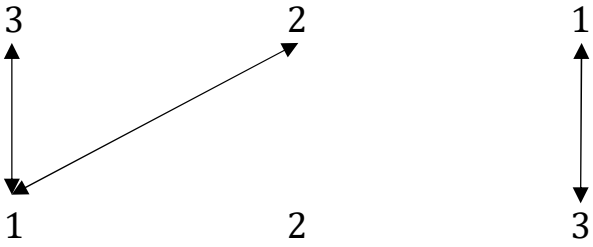


DS18 = 3.2 2.3 1.3 × 3.1 3.2 2.3

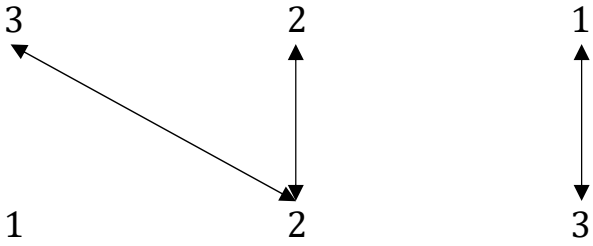


3. refl(M-them. I, O-them. I)

DS3 = 3.1 2.1 1.3 × 3.1 1.2 1.3

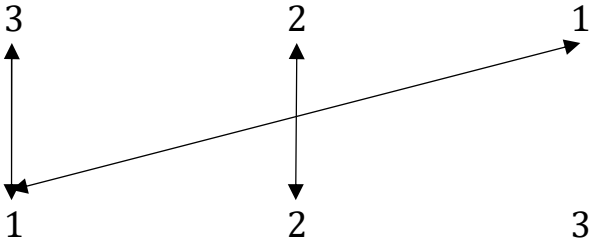


DS15 = 3.2 2.2 1.3 × 3.1 2.2 2.3

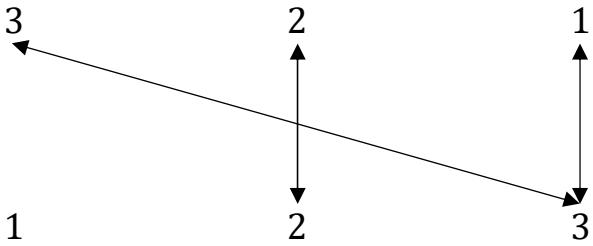


4. refl(M-them. O*, I-them. O*)

DS4 = 3.1 2.2 1.1 × 1.1 2.2 1.3

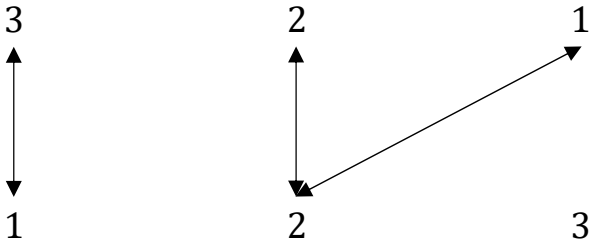


DS24 = 3.3 2.2 1.3 × 3.1 2.2 3.3

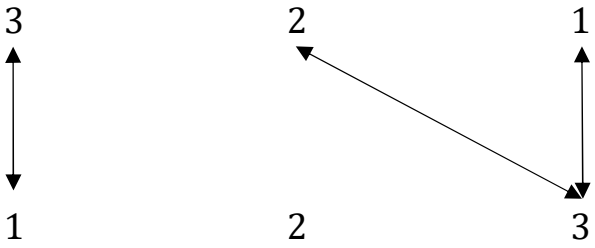


5. refl(O-them. M, I-them. M)

DS5 = 3.1 2.2 1.2 × 2.1 2.2 1.3

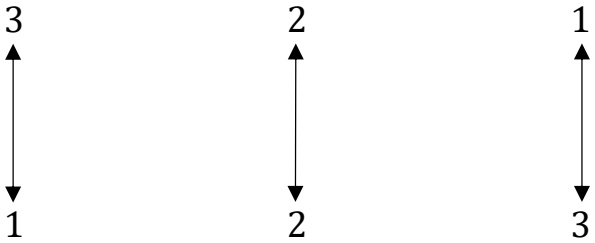


DS9 = 3.1 2.3 1.3 × 3.1 3.2 1.3



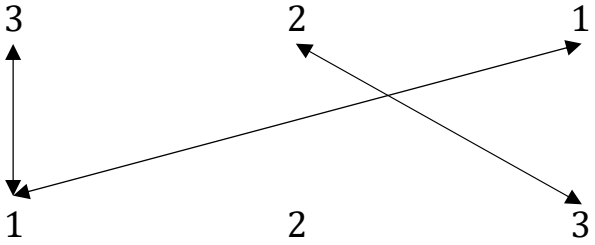
6. refl(ER)

DS6 = 3.1 2.2 1.3 × 3.1 2.2 1.3

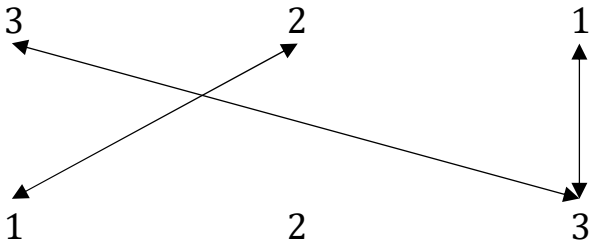


7. refl(M-them. I*, I-them. M*)

DS7 = 3.1 2.3 1.1 × 1.1 3.2 1.3

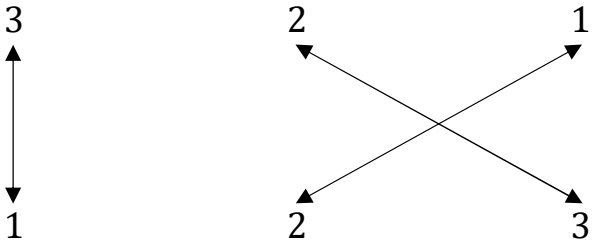


DS21 = 3.3 2.1 1.3 × 3.1 1.2 3.3

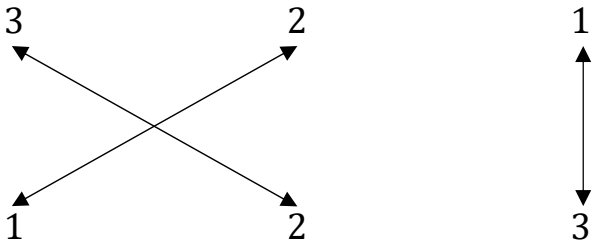


8. refl(ER)

DS8 = 3.1 2.3 1.2 × 2.1 3.2 1.3

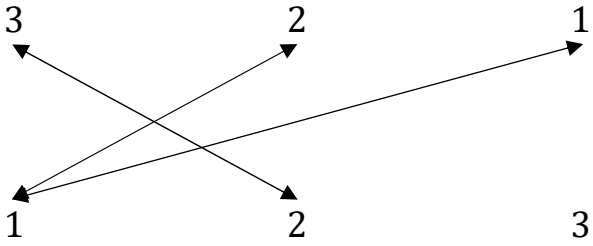


DS12 = 3.2 2.1 1.3 × 3.1 1.2 2.3

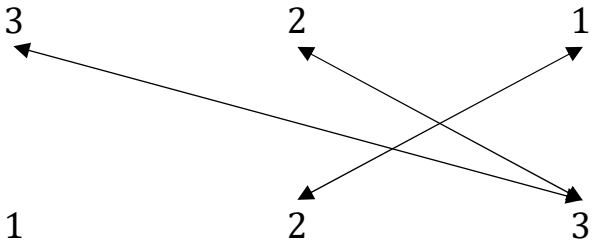


9. refl(M-them. O, I-them. O)

DS10 = 3.2 2.1 1.1 × 1.1 1.2 2.3

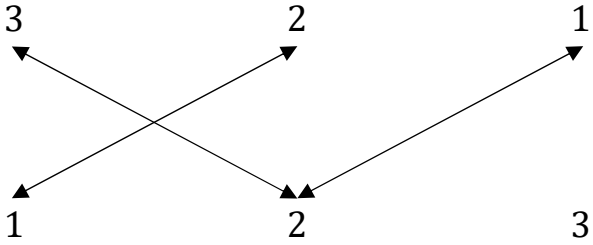


DS26 = 3.3 2.3 1.2 × 2.1 3.2 3.3

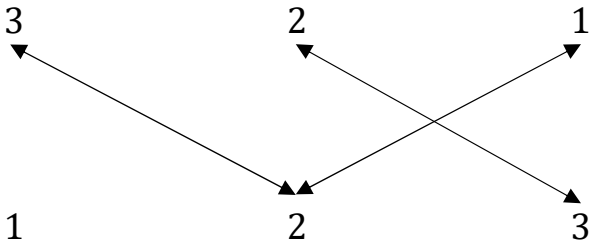


10. refl(O-them. M*, O-them. I*)

DS11 = 3.2 2.1 1.2 × 2.1 1.2 2.3

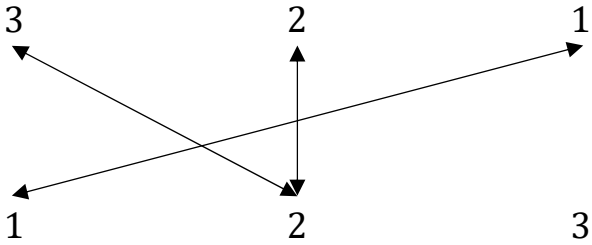


DS17 = 3.2 2.3 1.2 × 2.1 3.2 2.3

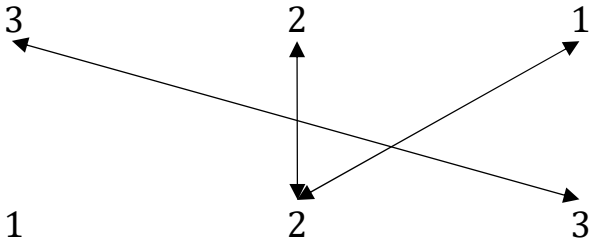


11. refl(O-them. M, O-them. I)

DS13 = 3.2 2.2 1.1 × 1.1 2.2 2.3

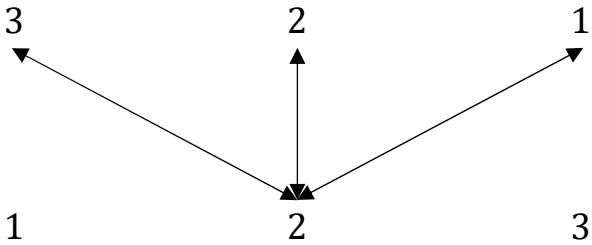


DS23 = 3.3 2.2 1.2 × 2.1 2.2 3.3



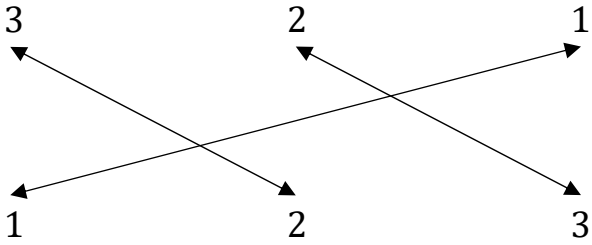
12. refl(VO)

DS14 = 3.2 2.2 1.2 × 2.1 2.2 2.3

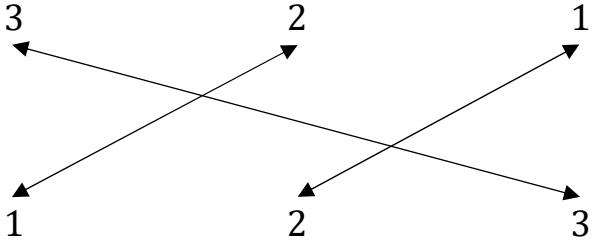


13. refl(ER)

DS16 = 3.2 2.3 1.1 × 1.1 3.2 2.3

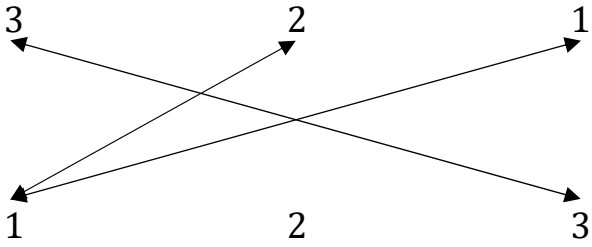


DS20 = 3.3 2.1 1.2 × 2.1 1.2 3.3

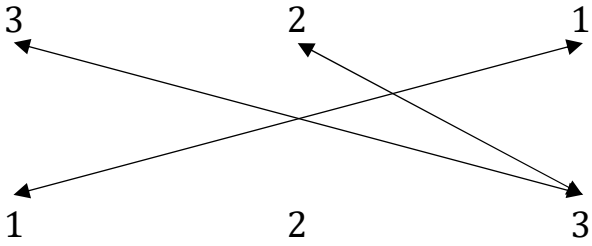


14. refl(M-them. I, I-them. M)

DS19 = 3.3 2.1 1.1 × 1.1 1.2 3.3

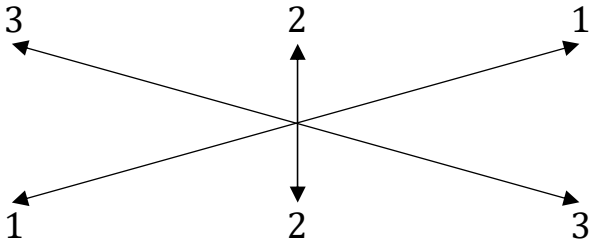


DS25 = 3.3 2.3 1.1 × 1.1 3.2 3.3



15. refl(ER)

DS22 = 3.3 2.2 1.1 × 1.1 2.2 3.3



In den Thematisationen tauscht der Reflexionsoperator also M und I, d.h. Erstheit und Drittheit, aus:

R: 1 ↔ 3.

Da 2 = const. ist, liegt eine Gruppe im Sinne von Toth (2009) vor. Im einzelnen haben wir

1. refl(M-them. M, I-them. I)

2. refl(M-them. O, I-them. O)

3. refl(M-them. I, O-them. I)

4. refl(M-them. O*, I-them. O*)

6. refl(ER)

7. refl(M-them. I*, I-them. M*)

8. refl(ER)

9. refl(M-them. O, I-them. O)

10. refl(O-them. M*, O-them. I*)

11. refl(O-them. M, O-them. I)

12. refl(VO)

13. refl(ER)

14. refl(M-them. I, I-them. M)

15. refl(ER)

Unklar ist allerdings, warum die folgende Reflexionsrelation aus dem Schema fällt

5. refl(O-them. M, I-them. M),

wo 1 = const. und 2 ↔ 3, d.h. Wechsel in eine andere semiotische Gruppe vorliegt.

Literatur

Toth, Alfred, Gruppentheoretische Semiotik. In: Electronic Journal for Mathematical Semiotics, 2009

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