Prof. Dr. Alfred Toth

Trajekte von Dualsystemen und von Komplementsystemen

1. Nach den jüngsten Untersuchungen zur Differenz von Dualisation und Komplementation (vgl. Toth 2025a, b) sind wir nun imstande, semiotische Relationen, d.h. Zeichenklassen und Realitätsthematiken, vierfach anzugeben: Als Dualsysteme (DS), als Trajektsysteme der Dualsysteme (TS(DS)), als Komplementsysteme (CS) und als Trajektsysteme der Komplementsysteme (TS(CS)).

2. Vierfache Bestimmung semiotischer Relationen

1. DS (3.1 2.1 1.1)
TS(DS) = (3.2, 1.1, 2.1, 1.1)

CS = (2.2, 2.3, 3.2, 3.3)

TS(CS) = (2.2, 2.3, 2.3, 3.2, 3.3, 2.3)

2. DS (3.1 2.1 1.2)

TS(DS) = (3.2, 1.1, 2.1, 1.2)

CS = (1.1, 2.2, 2.3, 3.2, 3.3)

TS(CS) = (1.2, 1.2, 2.2, 2.3, 2.3, 3.2, 3.3, 2.3)

3. DS (3.1 2.1 1.3)

TS(DS) = (3.2, 1.1, 2.1, 1.3)

CS = (1.1, 2.2, 2.3, 3.2, 3.3)

TS(CS) = (1.2, 1.2, 2.2, 2.3, 2.3, 3.2, 3.3, 2.3)

4. DS (3.1 2.2 1.1)

TS(DS) = (3.2, 1.2, 2.1, 2.1)

CS = (1.2, 2.1, 2.3, 3.2, 3.3)

TS(CS) = (1.2, 2.1, 2.2, 1.3, 2.3, 3.2, 3.3, 2.3)

5. DS (3.1 2.2 1.2)

TS(DS) = (3.2, 1.2, 2.1, 2.2)

CS = (1.1, 2.3, 3.2, 3.3)

TS(CS) = (1.2, 1.3, 2.3, 3.2, 3.3, 2.3)

6. DS (3.1 2.2 1.3)

TS(DS) = (3.2, 1.2, 2.1, 2.3)

CS = (1.1, 1.2, 2.1, 2.3, 3.2, 3.3)

TS(CS) = (1.1, 1.2, 1.2, 2.1, 2.2, 1.3, 2.3, 3.2, 3.3, 2.3)

7. DS (3.1 2.3 1.1)

TS(DS) = (3.2, 1.3, 2.1, 3.1)

CS = (1.2, 2.1, 2.2, 3.3)

TS(CS) = (1.2, 2.1, 2.2, 1.2, 2.3, 2.3)

8. DS (3.1 2.3 1.2)

TS(DS) = (3.2, 1.3, 2.1, 3.2)

CS = (1.1, 2.2, 3.3)

TS(CS) = (1.2, 1.2, 2.3, 2.3)

9. DS (3.1 2.3 1.3)

TS(DS) = (3.2, 1.3, 2.1, 3.3)

CS = (1.1, 1.2, 2.1, 2.2, 3.3)

TS(CS) = (1.1, 1.2, 1.2, 2.1, 2.2, 1.2, 2.3, 2.3)

10. DS (3.2 2.1 1.1)

TS(DS) = (3.2, 2.1, 2.1, 1.1)

CS = (1.3, 2.2, 3.1, 3.3)

TS(CS) = (1.2, 3.2, 2.3, 2.1, 3.3, 1.3)

11. DS (3.2 2.1 1.2)

TS(DS) = (3.2, 2.1, 2.1, 1.2)

CS = (1.1, 1.3, 2.2, 3.1, 3.3)

TS(CS) = (1.1, 1.3, 1.2, 3.2, 2.3, 2.1, 3.3, 1.3)

12. DS (3.2 2.1 1.3)

TS(DS) = (3.2, 2.1, 2.1, 1.3)

CS = (1.1, 2.2, 3.3)

TS(CS) = (1.2, 1.2, 2.3, 2.3)

13. 3.2 2.2 1.1)

TS(DS) = (3.2, 2.2, 2.1, 2.1)

CS = (1.2, 1.3, 2.1, 3.1, 3.3)

TS(CS) = (1.1, 2.3, 1.2, 3.1, 2.3, 1.1, 3.3, 1.3)

14. DS (3.2 2.2 1.2)

TS(DS) = (3.2, 2.2, 2.1, 2.2)

CS = (1.1, 1.3, 3.1, 3.3)

TS(CS) = (1.1, 1.3, 1.3, 3.1, 3.3, 1.3)

15. DS (3.2 2.2 1.3)

TS(DS) = (3.2, 2.2, 2.1, 2.3)

CS = (1.1, 1.2, 2.1, 3.3)

TS(CS) = (1.1, 1.2, 1.2, 2.1, 2.3, 1.3)

16. DS (3.2 2.3 1.1)

TS(DS) = (3.2, 2.3, 2.1, 3.1)

CS = (1.2, 1.3, 2.1, 2.2, 3.1, 3.3)

TS(CS) = (1.1, 2.3, 1.2, 3.1, 2.2, 1.2, 2.3, 2.1, 3.3, 1.3)

17. DS (3.2 2.3 1.2)

TS(DS) = (3.2, 2.3, 2.1, 3.2)

CS = (1.1, 1.3, 2.2, 3.1, 3.3)

TS(CS) = (1.1, 1.3, 1.2, 3.2, 2.3, 2.1, 3.3, 1.3)

18. DS (3.2 2.3 1.3)

TS(DS) = (3.2, 2.3, 2.1, 3.3)

CS = (1.1, 1.2, 2.1, 2.2, 3.3)

TS(CS) = (1.1, 1.2, 1.2, 2.1, 2.2, 1.2, 2.3, 2.3)

19. DS (3.3 2.1 1.1)

TS(DS) = (3.2, 3.1, 2.1, 1.1)

CS = (1.3, 2.2, 2.3, 3.1, 3.2)

TS(CS) = (1.2, 3.2, 2.2, 2.3, 2.3, 3.1, 3.3, 1.2)

20. DS (3.3 2.1 1.2)

TS(DS) = (3.2, 3.1, 2.1, 1.2)

CS = (1.1, 1.3, 2.2, 2.3, 3.1, 3.2)

TS(CS) = (1.1, 1.3, 1.2, 3.2, 2.2, 2.3, 2.3, 3.1, 3.3, 1.2)

21. DS (3.3 2.1 1.3)

TS(DS) = (3.2, 3.1, 2.1, 1.3)

CS = (1.1, 2.2, 2.3, 3.2)

TS(CS) = (1.2, 1.2, 2.2, 2.3, 2.3, 3.2)

22. DS (3.3 2.2 1.1)

TS(DS) = (3.2, 3.2, 2.1, 2.1)

CS = (1.2, 1.3, 2.1, 2.3, 3.1, 3.2)

TS(CS) = (1.1, 2.3, 1.2, 3.1, 2.2, 1.3, 2.3, 3.1, 3.3, 1.2)

23. DS (3.3 2.2 1.2)

TS(DS) = (3.2, 3.2, 2.1, 2.2)

CS = (1.1, 1.3, 2.3, 3.1, 3.2)

TS(CS) = (1.1, 1.3, 1.2, 3.3, 2.3, 3.1, 3.3, 1.2)

24. DS (3.3 2.2 1.3)

TS(DS) = (3.2, 3.2, 2.1, 2.3)

CS = (1.1, 1.2, 2.1, 2.3, 3.2)

TS(CS) = (1.1, 1.2, 1.2, 2.1, 2.2, 1.3, 2.3, 3.2)

25. DS (3.3 2.3 1.1)

TS(DS) = (3.2, 3.3, 2.1, 3.1)

CS = (1.2, 1.3, 2.1, 2.2, 3.1)

TS(CS) = (1.1, 2.3, 1.2, 3.1, 2.2, 1.2, 2.3, 2.1)

26. DS (3.3 2.3 1.2)

TS(DS) = (3.2, 3.3, 2.1, 3.2)

CS = (1.1, 1.3, 2.2, 3.1)

TS(CS) = (1.1, 1.3, 1.2, 3.2, 2.3, 2.1)

27. DS (3.3 2.3 1.3)

TS(DS) = (3.2, 3.3, 2.1, 3.3)

CS = (1.1, 1.2, 2.1, 2.2)

TS(CS) = (1.1, 1.2, 1.2, 2.1, 2.2, 1.2)

Literatur

Toth, Alfred, Duale und komplementäre Relationen des vollständigen ternären Zeichensystems. In: Eletronic Journal for Mathematical Semiotics, 2025a

Toth, Alfred, Distribution von Subzeichen über duale und komplementäre Relationen. In: Eletronic Journal for Mathematical Semiotics, 2025b

31.10.2025