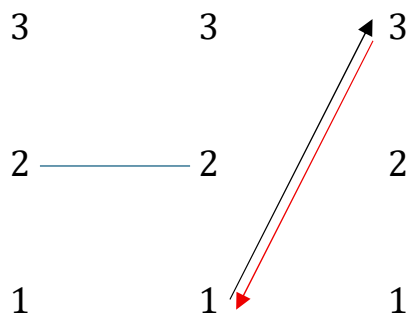


Komplementarität von Eigenrealität und Kategorienrealität

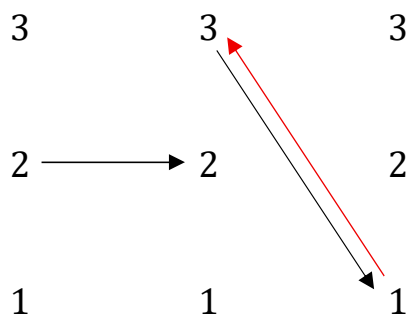
1. Starke Bestätigung von Benses Vermutung, es gebe zwei eigenreale Zeichenrelationen, neben der Eigenrealität (3.1, 2.2, 1.3) auch noch die Kategorienrealität (3.3, 2.2, 1.1) (vgl. Bense 1992, S.40), liefern die erst kürzlich entdeckten eingebetteten Trajekte (vgl. Toth 2025a-c), vor allem die Theorie eingebetteter monadischer Trajekte (vgl. Toth 2025d), wo neben den regulären permutierten Zeichenklassen (ZKl) auch die komplementären Zeichenklassen (C-ZKl) untersucht wurden.

2. Eigenrealität

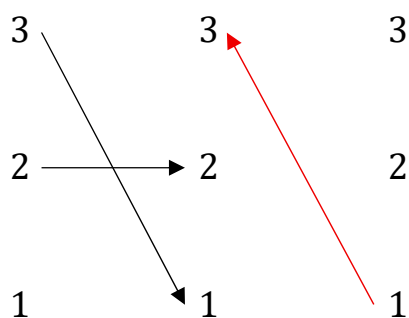
$$\text{ZKl}^3 = ((2.2), 1.3 \mid 3.1)$$



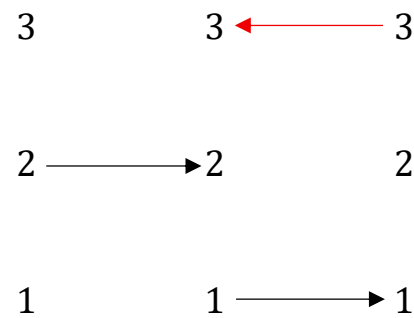
$$\text{ZKl}^4 = ((2.2), 3.1 \mid 1.3)$$



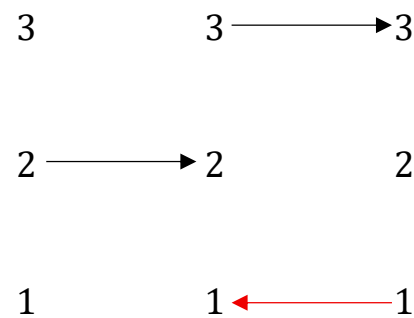
$$\text{ZKl}^7 = (3.1, (1.3), 2.2)$$



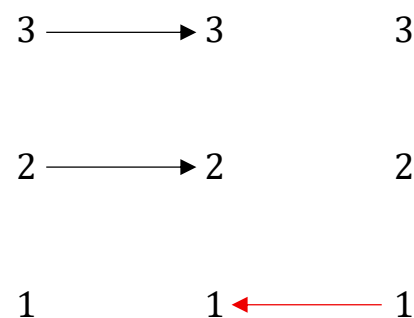
$$\text{C-ZKl}^3 = ((2.2), 1.1 \mid 3.3)$$



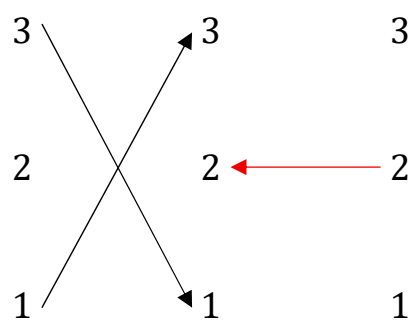
$$\text{C-ZKl}^4 = ((2.2), 3.3 \mid 1.1)$$



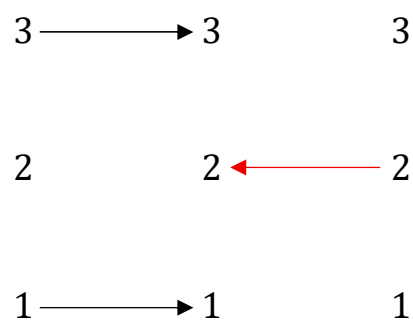
$$\text{C-ZKl}^7 = (3.3, (1.1), 2.2)$$



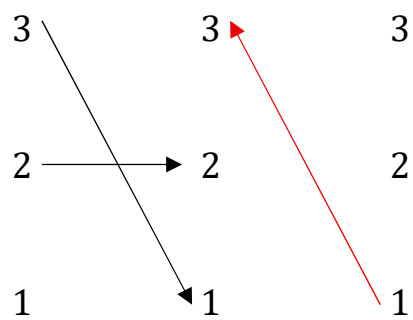
$$\text{ZKl}^8 = (3.1, (2.2), 1.3)$$



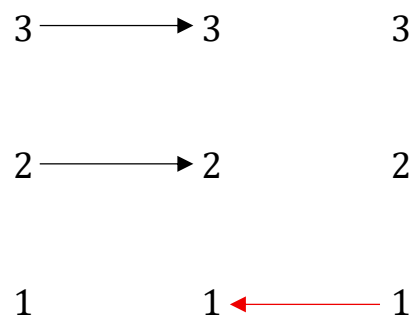
$$\text{C-ZKl}^8 = (3.3, (2.2), 1.1)$$



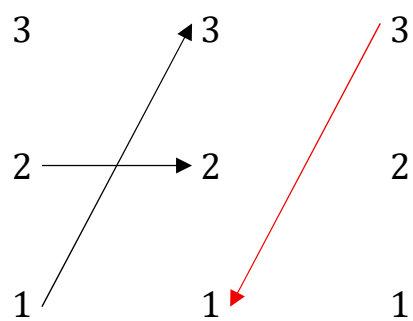
$$\text{ZKl}^9 = (2.2, (1.3), 3.1)$$



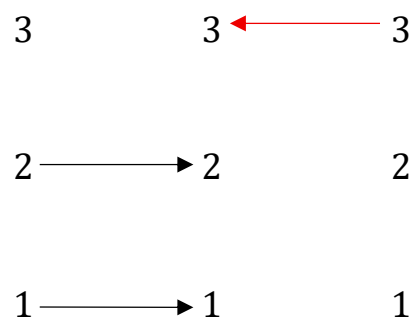
$$\text{C-ZKl}^9 = (2.2, (1.1), 3.3)$$



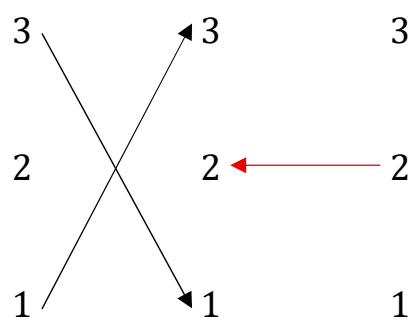
$$\text{ZKl}^{10} = (2.2, (3.1), 1.3)$$



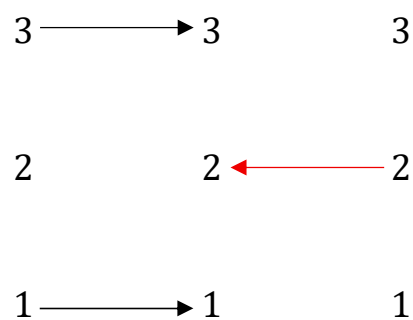
$$\text{C-ZKl}^{10} = (2.2, (3.3), 1.1)$$



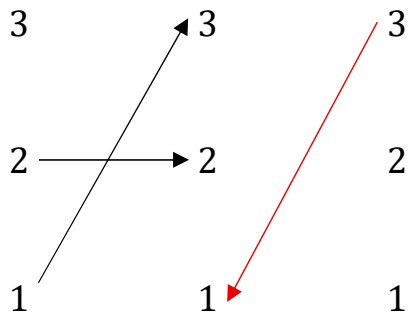
$$\text{ZKl}^{11} = (1.3, (2.2), 3.1)$$



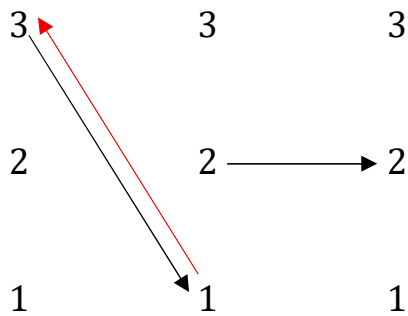
$$\text{C-ZKl}^{11} = (1.1, (2.2), 3.3)$$



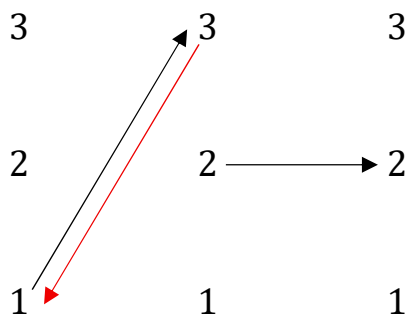
$$\text{ZKI}^{12} = (1.3, (3.1), 2.2)$$



$$\text{ZKI}^{13} = (3.1 \mid 1.3 (2.2))$$

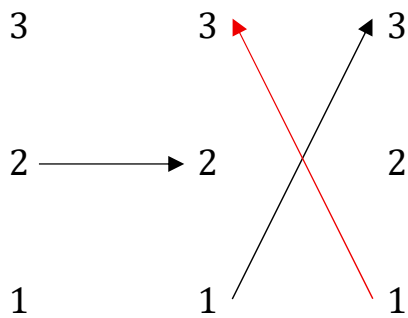


$$\text{ZKI}^{17} = (1.3 \mid 3.1 (2.2))$$

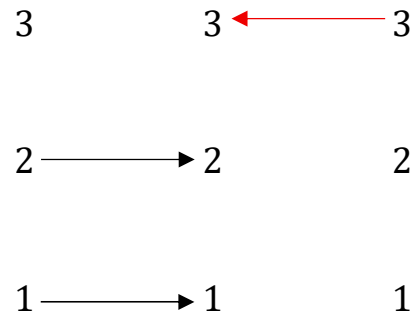


3. Kategorienrealität

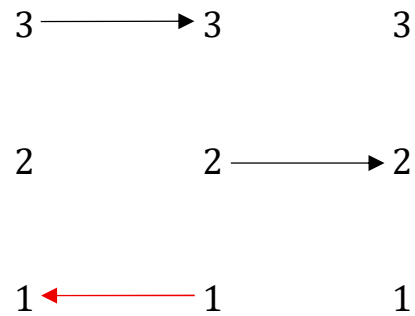
$$\text{ZKI}^3 = ((2.2), 1.3 \mid 1.3)$$



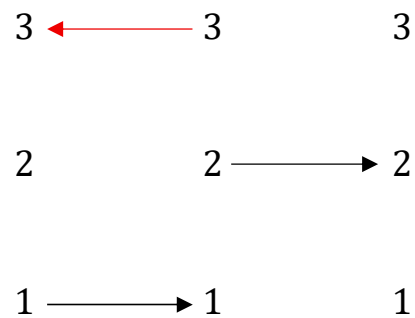
$$\text{C-ZKI}^{12} = (1.1, (3.3), 2.2)$$



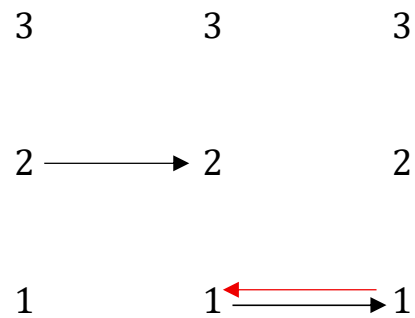
$$\text{C-ZKI}^{13} = (3.3 \mid 1.1 (2.2))$$



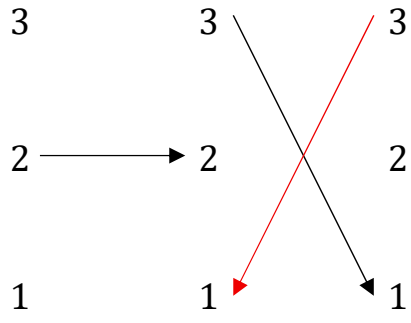
$$\text{C-ZKI}^{17} = (1.1 \mid 3.3 (2.2))$$



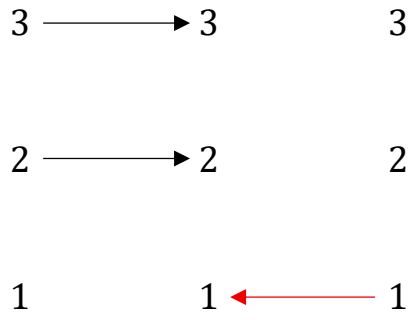
$$\text{C-ZKI}^3 = ((2.2), 1.1 \mid 1.1)$$



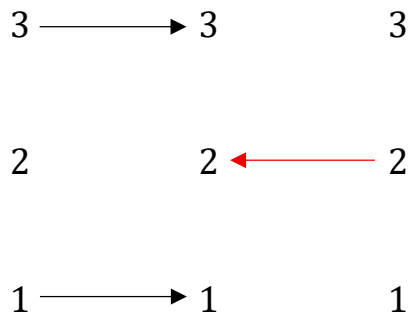
$$\text{ZKl}^4 = ((2.2), 3.1 \mid 3.1)$$



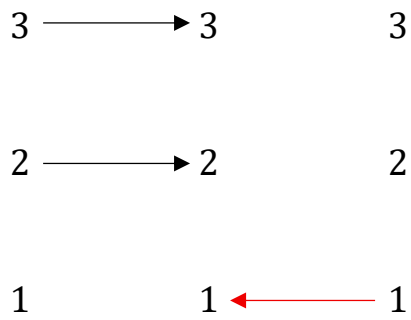
$$\text{ZKl}^7 = (3.3, (1.1), 2.2)$$



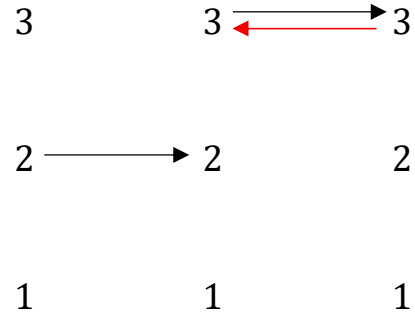
$$\text{ZKl}^8 = (3.3, (2.2), 1.1)$$



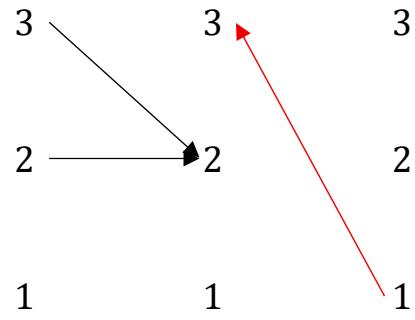
$$\text{ZKl}^9 = (2.2, (1.1), 3.3)$$



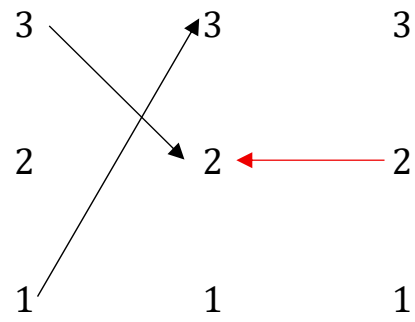
$$\text{C-ZKl}^4 = ((2.2), 3.3 \mid 3.3)$$



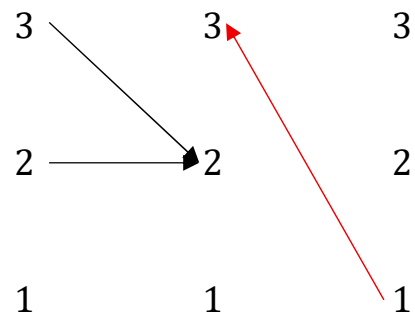
$$\text{C-ZKl}^7 = (3.2, (1.3), 2.2)$$



$$\text{C-ZKl}^8 = (3.2, (2.2), 1.3)$$



$$\text{C-ZKl}^9 = (2.2, (1.3), 3.2)$$



$$\text{ZKl}^{10} = (2.2, (3.3), 1.1)$$

3 3 $\leftarrow$ 3

2 $\longrightarrow$ 2 2

1 $\longrightarrow$ 1 1

$$\text{ZKl}^{11} = (1.1, (2.2), 3.3)$$

3 $\longrightarrow$ 3 3

2 2 $\leftarrow$ 2

1 $\longrightarrow$ 1 1

$$\text{ZKl}^{12} = (1.1, (3.3), 2.2)$$

3 3 $\leftarrow$ 3

2 $\longrightarrow$ 2 2

1 $\longrightarrow$ 1 1

$$\text{ZKl}^{13} = (3.1 \mid 3.3 (2.2))$$

3 $\leftarrow$ 3 3

2 2 $\longrightarrow$ 2

1 1 $\nwarrow$ 1

⋮

⋮

⋮

⋮

$$\text{C-ZKl}^{10} = (2.2, (3.2), 1.3)$$

3 3 $\nearrow$ 3

2 $\longrightarrow$ 2 $\nwarrow$ 2

1 1 1

$$\text{C-ZKl}^{11} = (1.3, (2.2), 3.2)$$

3 3 3

2 2 $\leftarrow$ 2

1 1 1

$$\text{C-ZKl}^{12} = (1.3, (3.2), 2.2)$$

3 3 $\nearrow$ 3

2 $\longrightarrow$ 2 $\nwarrow$ 2

1 1 1

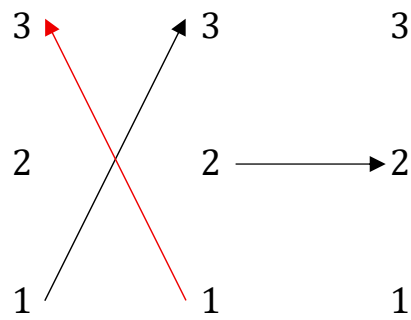
$$\text{C-ZKl}^{13} = (3.3 \mid 3.1 (2.2))$$

3 $\longrightarrow$ 3 3

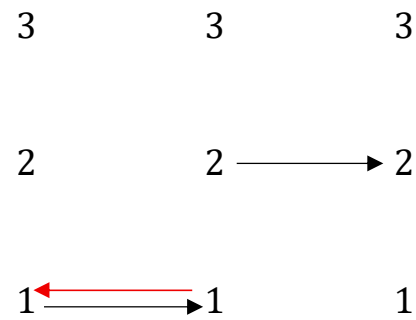
2 2 $\longrightarrow$ 2

1 $\nwarrow$ 1 1

ZKl¹⁷ = (1.3 | 1.3 (2.2))



C-ZKl¹⁷ = (1.1 | 1.1 (2.2))



Es sind also sowohl für ER als auch für KR jeweils zwei ZKl-C-ZKl-Systeme von insgesamt jeweils 18 (vgl. Toth 2025d). Die übrigen jeweils 8 Klassen weisen bereits die Vermittlungsklassen zwischen ER und KR auf (vgl. Toth 2025e).

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23.11.2025