

## Chiastische Strukturen konverser Bi-Zeichen

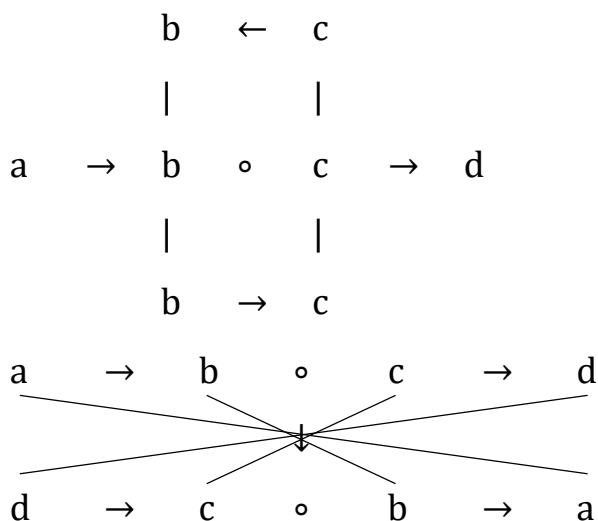
1. Konverse Bi-Zeichen wurden in Toth (2025a) aus Permutationen der Relation  $R = (a.b, c.d)$  gebildet:

|                                                     |                                                     |
|-----------------------------------------------------|-----------------------------------------------------|
| $a \rightarrow \underline{b \circ c} \rightarrow d$ | $d \rightarrow \underline{c \circ b} \rightarrow a$ |
| $a \rightarrow \underline{c \circ b} \rightarrow d$ | $d \rightarrow \underline{b \circ c} \rightarrow a$ |
| $b \rightarrow \underline{a \circ c} \rightarrow d$ | $d \rightarrow \underline{c \circ a} \rightarrow b$ |
| $b \rightarrow \underline{c \circ a} \rightarrow d$ | $d \rightarrow \underline{a \circ c} \rightarrow b$ |
| $c \rightarrow \underline{a \circ b} \rightarrow d$ | $d \rightarrow \underline{b \circ a} \rightarrow c$ |
| $c \rightarrow \underline{b \circ a} \rightarrow d$ | $d \rightarrow a \circ b \rightarrow c$             |

2. Im folgenden konstruieren wir zu allen 6 konversen Bi-Zeichen die zugehörigen Diamonds und die chiastischen Strukturdiagramme (vgl. Toth 2025b).

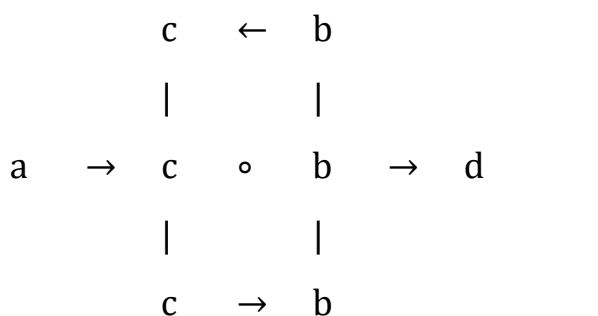
1.  $K_1 = (b \leftarrow c, b \rightarrow c)$

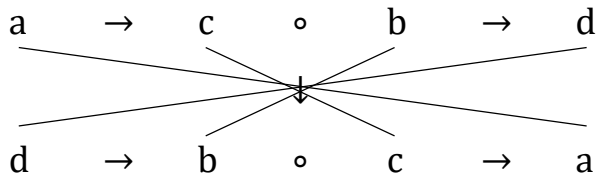
$K_1^{-1} = (c \leftarrow b, c \rightarrow b)$



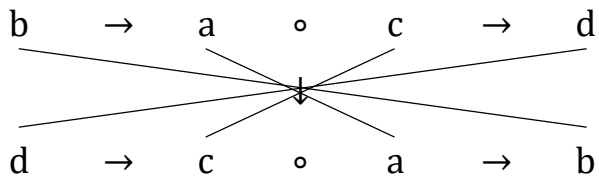
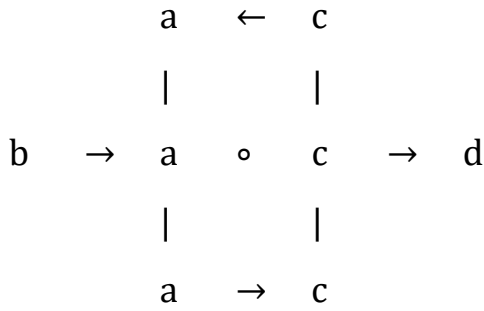
2.  $K_2 = (c \leftarrow b, c \rightarrow b)$

$K_2^{-1} = (b \leftarrow c, b \rightarrow c)$

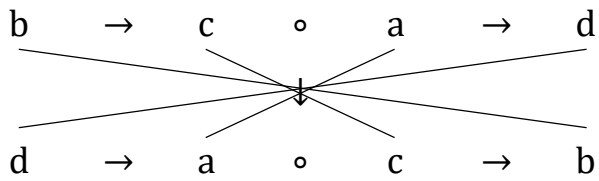
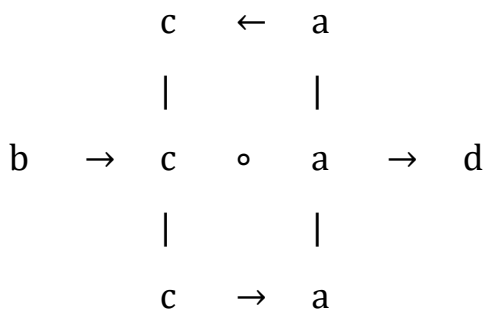




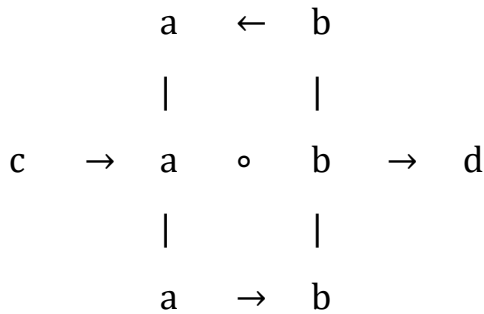
$$K_3 = (a \leftarrow c, a \rightarrow c)$$



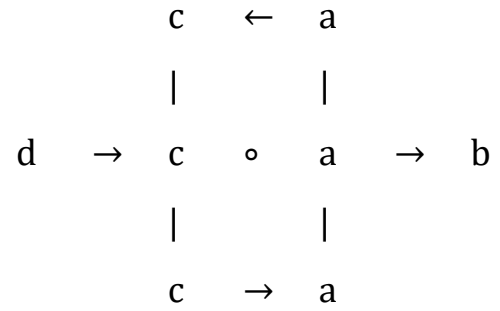
$$K_4 = (c \leftarrow a, c \rightarrow a)$$



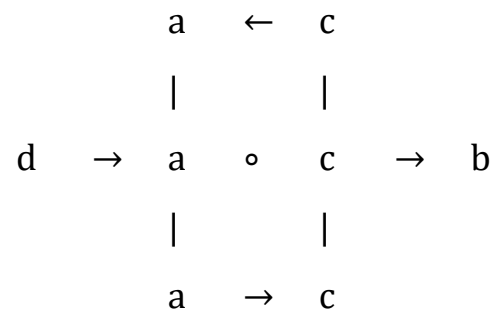
$$K_5 = (a \leftarrow b, a \rightarrow b)$$



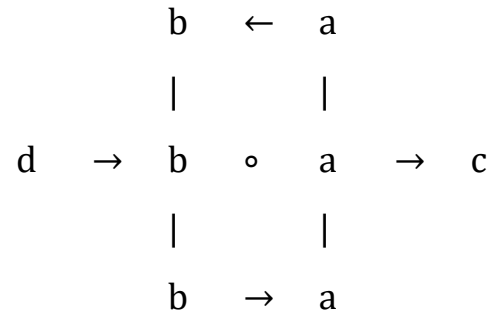
$$K_3^{-1} = (c \leftarrow a, c \rightarrow a)$$

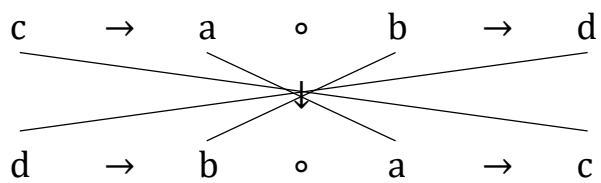


$$K_4^{-1} = (a \leftarrow c, a \rightarrow c)$$



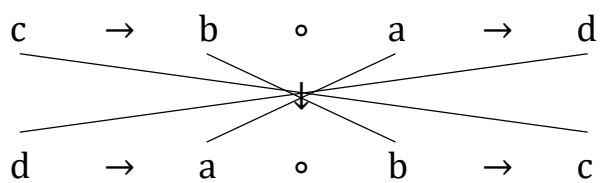
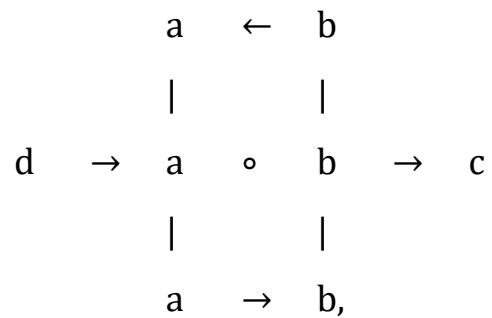
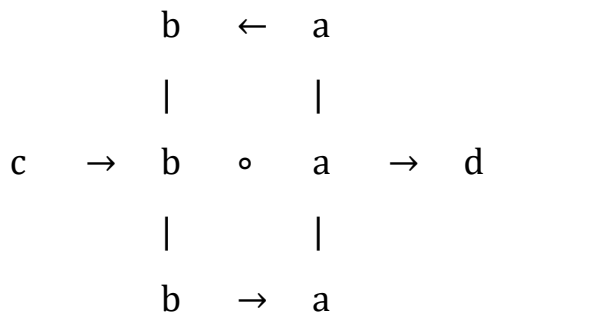
$$K_5^{-1} = (b \leftarrow a, b \rightarrow a)$$





$$K_6 = (b \leftarrow a, b \rightarrow a)$$

$$K_6^{-1} = (a \leftarrow b, a \rightarrow b).$$



## Literatur

Toth, Alfred, Metamorphe Umgebungen. In: Electronic Journal for Mathematical Semiotics, 2025a

Toth, Alfred, Ontisch-semiotisches Analysemodell. In: Electronic Journal for Mathematical Semiotics, 2025b

11.12.2025