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Polykontexturale Zeichenfunktionen I

1. In der klassischen, monokontexturalen Semiotik, basierend auf der triadischen Zeichenrelation

$$ZR = (3.a \ 2.b \ 1.c)$$

wird unterschieden zwischen

der Bezeichnungsfunktion ($M \Rightarrow O$) bzw. ($1.c \Rightarrow 2.b$),

der Bedeutungsfunktion ($O \Rightarrow I$) bzw. ($2.b \Rightarrow 3.a$)

und der Gebrauchsfunktion ($3.a \Rightarrow 1.c$), vgl. z.B. Walther (1979, S. 113 ff.).

Die konversen Zeichenfunktionen werden in der kategorietheoretischen Semiotik definiert, wobei hier für sämtliche Zeichenfunktionen andere Namen verwendet werden (vgl. Toth 1997, S. 23 f.):

Realisation: $(1 \Rightarrow 2) \equiv \alpha$ Involution: $(2 \Rightarrow 1) \equiv \alpha^\circ$

Formalisation: $(2 \Rightarrow 3) \equiv \beta$ Replikation: $(3 \Rightarrow 2) \equiv \beta^\circ$

Identische Morphismen: $(1 \Rightarrow 1) \equiv id_1; (2 \Rightarrow 2) \equiv id_2; (3 \Rightarrow 3) \equiv id_3$

2. In der polykontexturalen Semiotik, basierend auf der tetradischen Zeichenrelation (vgl. Toth 2008b)

$$PZR = (3.a \ 2.b \ 1.c \ 0.d)$$

kommen ausserdem noch folgende semiotische Funktionen dazu:

$(Q \Rightarrow M)$ bzw. $(0.d \Rightarrow 1.c)$ $(M \Rightarrow Q)$ bzw. $(1.c \Rightarrow 0.d)$

$(I \Rightarrow Q)$ bzw. $(3.a \Rightarrow 0.d)$ $(Q \Rightarrow I)$ bzw. $(0.d \Rightarrow 3.a)$

sowie

$(Q \Rightarrow O)$ bzw. $(0.d \Rightarrow 2.b)$ $(O \Rightarrow Q)$ bzw. $(2.b \Rightarrow 0.d)$

Sehr viel mehr Möglichkeiten ergeben sich ferner, wenn man, wie in Toth (2008a, S. 159 ff.) Permutationen zulässt. Jede triadische Zeichenrelation hat dann natürlich 6 und jede tetradische Zeichenrelation 24 Permutationen. Da die 6 Permutationen der monokontexturalen funktionalen Semiotik eine Teilmenge der 24 Permutationen der polykontexturalen funktionalen Semiotik bilden, werden sie hier gemeinsam behandelt.

3.1. Dyadische polykontexturale Funktionen

$$(0.d) \Rightarrow (1.c) \equiv [\gamma, (d.c)] \\ * (1.c) \Rightarrow (0.d) \equiv [\gamma^\circ, (c.d)]$$

$$(1.c) \Rightarrow (2.b) \equiv [\alpha, (c.b)] \\ * (2.b) \Rightarrow (1.c) \equiv [\alpha^\circ, (b.c)]$$

$$(2.b) \Rightarrow (3.a) \equiv [\beta, (b.a)] \\ * (3.a) \Rightarrow (2.b) \equiv [\beta^\circ, (a.b)]$$

$$(0.d) \Rightarrow (2.b) \equiv [\delta, (d.b)] \\ * (2.b) \Rightarrow (0.d) \equiv [\delta^\circ, (b.d)]$$

$$(0.d) \Rightarrow (3.a) \equiv [\delta\gamma, (d.a)] \\ * (3.a) \Rightarrow (0.d) \equiv [\gamma^\circ\delta^\circ, (a.d)]$$

$$(1.c) \Rightarrow (3.a) \equiv [\beta\alpha, (c.a)] \\ (3.a) \Rightarrow (1.c) \equiv [\alpha^\circ\beta^\circ, (a.c)]$$

3.2. Triadische polykontexturale Funktionen

$$((0.d) \Rightarrow (1.c)) \Rightarrow (2.b) \equiv [[\gamma, (d.c)], [\alpha, (c.b)]] \\ * (2.b) \Rightarrow ((0.d) \Rightarrow (1.c)) \equiv [[\delta^\circ, (b.d)], [\gamma, (d.c)]] \\ * (2.b) \Rightarrow ((1.c) \Rightarrow (0.d)) \equiv [[\alpha^\circ, (b.c)], [\gamma^\circ, (c.d)]]$$

$$((0.d) \Rightarrow (2.b)) \Rightarrow (1.c) \equiv [[\delta, (d.b)], [\alpha^\circ, (b.c)]] \\ * (1.c) \Rightarrow ((0.d) \Rightarrow (2.b)) \equiv [[\gamma^\circ, (c.d)], [\delta, (d.b)]] \\ * (1.c) \Rightarrow ((2.b) \Rightarrow (0.d)) \equiv [[\alpha, (c.b)], [\delta^\circ, (b.d)]]$$

$$((1.c) \Rightarrow (0.d)) \Rightarrow (2.b) \equiv [[\gamma^\circ, (c.d)], [\delta, (d.b)]] \\ * (2.b) \Rightarrow ((1.c) \Rightarrow (0.d)) \equiv [[\alpha^\circ, (b.c)], [\gamma^\circ, (c.d)]] \\ * (2.b) \Rightarrow ((0.d) \Rightarrow (1.c)) \equiv [[\delta^\circ, (b.d)], [\gamma^\circ, (d.c)]]$$

$$((1.c) \Rightarrow (2.b)) \Rightarrow (0.d) \equiv [[\alpha, (c.b)], [\delta^\circ, (b.d)]] \\ * (0.d) \Rightarrow ((1.c) \Rightarrow (2.b)) \equiv [[\gamma, (d.c)], [\alpha, (c.b)]] \\ * (0.d) \Rightarrow ((2.b) \Rightarrow (1.c)) \equiv [[\delta, (d.b)], [\alpha^\circ, (b.c)]]$$

$$((2.b) \Rightarrow (1.c)) \Rightarrow (0.d) \equiv [[\alpha^\circ, (b.c)], [\gamma^\circ, (c.d)]] \\ * (0.d) \Rightarrow ((2.b) \Rightarrow (1.c)) \equiv [[\delta, (d.b)], [\alpha^\circ, (b.c)]] \\ * (0.d) \Rightarrow ((1.c) \Rightarrow (2.b)) \equiv [[\gamma, (d.c)], [\alpha, (c.b)]]$$

$$((2.b) \Rightarrow (0.d)) \Rightarrow (1.c) \equiv [[\delta^\circ, (b.d)], [\gamma, (d.c)]] \\ * (1.c) \Rightarrow ((2.b) \Rightarrow (0.d)) \equiv [[\alpha, (c.b)], [\delta^\circ, (b.d)]]$$

$*(1.c) \Rightarrow ((0.d) \Rightarrow (2.b))$	\equiv	$[[\gamma^\circ, (c.d)], [\delta, (d.b)]]$
$((1.c) \Rightarrow (2.b)) \Rightarrow (3.a)$	\equiv	$[[\alpha, (c.b)], [\beta, (b.a)]]$
$*(3.a) \Rightarrow ((1.c) \Rightarrow (2.b))$	\equiv	$[[\alpha^\circ\beta^\circ, (a.c)], [\alpha, (c.b)]]$
$*(3.a) \Rightarrow ((2.b) \Rightarrow (1.c))$	\equiv	$[[\beta^\circ, (a.b)], [\alpha^\circ, (b.c)]]$
$((1.c) \Rightarrow (3.a)) \Rightarrow (2.b)$	\equiv	$[[\beta\alpha, (c.a)], [\beta^\circ, (a.b)]]$
$*(2.b) \Rightarrow ((1.c) \Rightarrow (3.a))$	\equiv	$[[\alpha^\circ, (b.c)], [\beta\alpha, (c.a)]]$
$*(2.b) \Rightarrow ((3.a) \Rightarrow (1.c))$	\equiv	$[[\beta, (b.a)], [\alpha^\circ\beta^\circ, (a.c)]]$
$((2.b) \Rightarrow (1.c)) \Rightarrow (3.a)$	\equiv	$[[\alpha^\circ, (b.c)], [\beta\alpha, (c.a)]]$
$*(3.a) \Rightarrow ((2.b) \Rightarrow (1.c))$	\equiv	$[[\beta^\circ, (a.b)], [\alpha^\circ, (b.c)]]$
$*(3.a) \Rightarrow ((1.c) \Rightarrow (2.b))$	\equiv	$[[\alpha^\circ\beta^\circ, (a.c)], [\alpha, (c.b)]]$
$((2.b) \Rightarrow (3.a)) \Rightarrow (1.c)$	\equiv	$[[\beta, (b.a)], [\alpha^\circ\beta^\circ, (a.c)]]$
$*(1.c) \Rightarrow ((2.b) \Rightarrow (3.a))$	\equiv	$[[\alpha, (c.b)], [\beta, (b.a)]]$
$*(1.c) \Rightarrow ((3.a) \Rightarrow (2.b))$	\equiv	$[[\beta\alpha, (c.a)], [\beta^\circ, (a.b)]]$
$((3.a) \Rightarrow (1.c)) \Rightarrow (2.b)$	\equiv	$[[\alpha^\circ\beta^\circ, (a.c)], [\alpha, (c.b)]]$
$*(2.b) \Rightarrow ((3.a) \Rightarrow (1.c))$	\equiv	$[[\beta, (b.a)], [\alpha^\circ\beta^\circ, (a.c)]]$
$*(2.b) \Rightarrow ((1.c) \Rightarrow (3.a))$	\equiv	$[[\alpha^\circ, (b.c)], [\beta\alpha, (c.a)]]$
$((3.a) \Rightarrow (2.b)) \Rightarrow (1.c)$	\equiv	$[[\beta^\circ, (a.b)], [\alpha^\circ, (b.c)]]$
$*(1.c) \Rightarrow ((3.a) \Rightarrow (2.b))$	\equiv	$[[\beta\alpha, (c.a)], [\beta^\circ, (a.b)]]$
$*(1.c) \Rightarrow ((2.b) \Rightarrow (3.a))$	\equiv	$[[\alpha, (c.b)], [\beta, (b.a)]]$

3.3. Tetradische polykontexturale Funktionen

$((((0.d) \Rightarrow (1.c)) \Rightarrow ((1.c) \Rightarrow (2.b))) \Rightarrow (3.a))$	\equiv	$[[\gamma, (d.c)], [\text{id1}, \text{idc}], [\alpha, (c.b)], [\beta, (b.a)]]$
$*((3.a) \Rightarrow (((0.d) \Rightarrow (1.c)) \Rightarrow (1.c))) \Rightarrow (2.b))$	\equiv	$[[\delta\gamma, (a.d)], [\gamma, (d.c)], [\text{id1}, \text{idc}], [\alpha, (c.b)]]$
$((((0.d) \Rightarrow (2.b)) \Rightarrow ((1.c) \Rightarrow (3.a))) \Rightarrow (3.a))$	\equiv	$[[\delta, (d.b)], [\alpha^\circ, (b.c)], [\beta\alpha, (c.a)], [\text{id3}, \text{ida}]]$
$*((3.a) \Rightarrow (((0.d) \Rightarrow (2.b)) \Rightarrow (1.c))) \Rightarrow (3.a))$	\equiv	$[[\delta\gamma, (a.d)], [\delta, (d.b)], [\alpha^\circ, (b.c)], [\beta\alpha, (c.a)]]$
$((((0.d) \Rightarrow (1.c)) \Rightarrow ((3.a) \Rightarrow (2.b))) \Rightarrow (2.b))$	\equiv	$[[\gamma, (d.c)], [\beta\alpha, (c.a)], [\beta^\circ, (a.b)], [\text{id2}, \text{idb}]]$
$*(2.b) \Rightarrow (((0.d) \Rightarrow (1.c)) \Rightarrow (3.a)) \Rightarrow (2.b))$	\equiv	$[[\delta^\circ, (b.d)], [\gamma, (d.c)], [\beta\alpha, (c.a)], [\beta^\circ, (a.b)]]$
$((((0.d) \Rightarrow (3.a)) \Rightarrow ((1.c) \Rightarrow (2.b))) \Rightarrow (2.b))$	\equiv	$[[\gamma^\circ\delta^\circ, (d.a)], [\alpha^\circ\beta^\circ, (a.c)], [\alpha, (c.b)], [\text{id2}, \text{idb}]]$
$*(2.b) \Rightarrow (((0.d) \Rightarrow (3.a)) \Rightarrow (1.c)) \Rightarrow (2.b))$	\equiv	$[[\delta^\circ, (b.d)], [\delta\gamma, (d.a)], [\alpha^\circ\beta^\circ, (a.c)], [\alpha, (c.b)]]$
$((((0.d) \Rightarrow (2.b)) \Rightarrow ((3.a) \Rightarrow (1.c))) \Rightarrow (1.c))$	\equiv	$[[\delta, (d.b)], [\beta, (b.a)], [\alpha^\circ\beta^\circ, (a.c)], [\text{id1}, \text{idc}]]$
$*(1.c) \Rightarrow (((0.d) \Rightarrow (2.b)) \Rightarrow (3.a)) \Rightarrow (1.c))$	\equiv	$[[\gamma^\circ, (c.d)], [\delta, (d.b)], [\beta, (b.a)], [\alpha^\circ\beta^\circ, (a.c)]]$

$$(((0.d) \Rightarrow (3.a)) \Rightarrow ((2.b) \Rightarrow (1.c))) \Rightarrow (1.c) \equiv [[\delta\gamma, (d.c)], [\beta^\circ, (a.b)], [\alpha^\circ, (b.c)], [id1, idc]] \\ * (1.c) \Rightarrow (((0.d) \Rightarrow (3.a)) \Rightarrow (2.b)) \Rightarrow (1.c) \equiv [[\gamma^\circ, (c.d)], [\delta\gamma, (d.a)], [\beta^\circ, (a.b)], [\alpha^\circ, (b.c)]]$$

$$(((1.c) \Rightarrow (0.d)) \Rightarrow ((2.b) \Rightarrow (3.a))) \Rightarrow (3.a) \equiv [[\gamma^\circ, (c.d)], [\delta, (d.b)], [\beta, (b.a)], [id3, ida]] \\ *(3.a) \Rightarrow (((1.c) \Rightarrow (0.d)) \Rightarrow (2.b)) \Rightarrow (3.a) \equiv [[\alpha^\circ\beta^\circ, (a.c)], [\gamma^\circ, (c.d)], [\delta, (d.b)], [\beta, (b.a)]]$$

$$(((1.c) \Rightarrow (2.b)) \Rightarrow ((0.d) \Rightarrow (3.a))) \Rightarrow (3.a) \equiv [[\alpha, (c.b)], [\delta^\circ, (b.d)], [\delta\gamma, (d.a)], [id3, ida]] \\ *(3.a) \Rightarrow (((1.c) \Rightarrow (2.b)) \Rightarrow (0.d)) \Rightarrow (3.a) \equiv [[\alpha^\circ\beta^\circ, (a.c)], [\alpha, (c.b)], [\delta^\circ, (b.d)], [\delta\gamma, (d.a)]]$$

$$(((1.c) \Rightarrow (0.d)) \Rightarrow ((3.a) \Rightarrow (2.b))) \Rightarrow (2.b) \equiv [[\gamma^\circ, (c.d)], [\delta\gamma, (d.a)], [\beta^\circ, (a.b)], [id2, idb]] \\ *(2.b) \Rightarrow (((1.c) \Rightarrow (0.d)) \Rightarrow (3.a)) \Rightarrow (2.b) \equiv [[\alpha^\circ, (b.c)], [\gamma^\circ, (c.d)], [\delta\gamma, (d.a)], [\beta^\circ, (a.b)]]$$

$$(((1.c) \Rightarrow (3.a)) \Rightarrow ((0.d) \Rightarrow (2.b))) \Rightarrow (2.b) \equiv [[\beta\alpha, (c.a)], [\delta\gamma, (a.d)], [\delta, (d.b)], [id2, idb]] \\ *(2.b) \Rightarrow (((1.c) \Rightarrow (3.a)) \Rightarrow (0.d)) \Rightarrow (2.b) \equiv [[\alpha^\circ, (b.c)], [\beta\alpha, (c.a)], [\delta\gamma, (a.d)], [\delta, (d.b)]]$$

$$(((1.c) \Rightarrow (2.b)) \Rightarrow ((3.a) \Rightarrow (0.d))) \Rightarrow (0.d) \equiv [[\alpha, (c.b)], [\beta, (b.a)], [\delta\gamma, (a.d)], [id0, idd]] \\ *(0.d) \Rightarrow (((1.c) \Rightarrow (2.b)) \Rightarrow (3.a)) \Rightarrow (0.d) \equiv [[\gamma, (d.c)], [\alpha, (c.b)], [\beta, (b.a)], [\delta\gamma, (a.d)]]$$

$$(((1.c) \Rightarrow (3.a)) \Rightarrow ((2.b) \Rightarrow (0.d))) \Rightarrow (0.d) \equiv [[\beta\alpha, (c.a)], [\beta^\circ, (a.b)], [\delta^\circ, (b.d)], [id0, idd]] \\ *(0.d) \Rightarrow (((1.c) \Rightarrow (3.a)) \Rightarrow (2.b)) \Rightarrow (0.d) \equiv [[\gamma, (d.c)], [\beta\alpha, (c.a)], [\beta^\circ, (a.b)], [\delta^\circ, (b.d)]]$$

$$(((2.b) \Rightarrow (0.d)) \Rightarrow ((1.c) \Rightarrow (3.a))) \Rightarrow (3.a) \equiv [[\delta^\circ, (b.d)], [\gamma^\circ, (d.c)], [\beta\alpha, (c.a)], [id3, ida]] \\ *(3.a) \Rightarrow (((2.b) \Rightarrow (0.d)) \Rightarrow (1.c)) \Rightarrow (3.a) \equiv [[\beta^\circ, (a.b)], [\delta^\circ, (b.d)], [\gamma, (d.c)], [\beta\alpha, (c.a)]]$$

$$(((2.b) \Rightarrow (1.c)) \Rightarrow ((0.d) \Rightarrow (3.a))) \Rightarrow (3.a) \equiv [[\alpha^\circ, (b.c)], [\gamma^\circ, (c.d)], [\delta\gamma, (d.a)], [id3, ida]] \\ *(3.a) \Rightarrow (((2.b) \Rightarrow (1.c)) \Rightarrow (0.d)) \Rightarrow (3.a) \equiv [[\beta^\circ, (a.b)], [\alpha^\circ, (b.c)], [\gamma^\circ, (c.d)], [\delta\gamma, (d.a)]]$$

$$(((2.b) \Rightarrow (0.d)) \Rightarrow ((3.a) \Rightarrow (1.c))) \Rightarrow (1.c) \equiv [[\delta^\circ, (b.d)], [\delta\gamma, (d.a)], [\alpha^\circ\beta^\circ, (a.c)], [id1, idc]] \\ *(1.c) \Rightarrow (((2.b) \Rightarrow (0.d)) \Rightarrow (3.a)) \Rightarrow (1.c) \equiv [[\alpha, (c.b)], [\delta^\circ, (b.d)], [\delta\gamma, (d.a)], [\alpha^\circ\beta^\circ, (a.c)]]$$

$$(((2.b) \Rightarrow (3.a)) \Rightarrow ((0.d) \Rightarrow (1.c))) \Rightarrow (1.c) \equiv [[\beta, (b.a)], [\delta\gamma, (a.d)], [\gamma, (d.c)], [id1, idc]] \\ *(1.c) \Rightarrow (((2.b) \Rightarrow (3.a)) \Rightarrow (0.d)) \Rightarrow (1.c) \equiv [[\alpha, (c.b)], [\beta, (b.a)], [\gamma^\circ\delta^\circ, (a.d)], [\gamma, (d.c)]]$$

$$(((2.b) \Rightarrow (1.c)) \Rightarrow ((3.a) \Rightarrow (0.d))) \Rightarrow (0.d) \equiv [[\alpha^\circ, (b.c)], [\beta\alpha, (c.a)], [\gamma^\circ\delta^\circ, (a.d)], [id0, idd]] \\ *(0.d) \Rightarrow (((2.b) \Rightarrow (1.c)) \Rightarrow (3.a) \Rightarrow (0.d))) \equiv [[\delta, (d.b)], [\alpha^\circ, (b.c)], [\beta\alpha, (c.a)], [\gamma^\circ\delta^\circ, (a.d)]]$$

$$(((2.b) \Rightarrow (3.a)) \Rightarrow ((1.c) \Rightarrow (0.d))) \Rightarrow (0.d) \equiv [[\beta, (b.a)], [\alpha^\circ\beta^\circ, (a.c)], [\gamma^\circ, (c.d)], [id0, idd]] \\ *(0.d) \Rightarrow (((2.b) \Rightarrow (3.a)) \Rightarrow (1.c)) \Rightarrow (0.d) \equiv [[\delta, (d.b)], [\beta, (b.a)], [\alpha^\circ\beta^\circ, (a.c)], [\gamma^\circ, (c.d)]]$$

$$(((3.a) \Rightarrow (0.d)) \Rightarrow ((1.c) \Rightarrow (2.b))) \Rightarrow (2.b) \equiv [[\gamma^\circ \delta^\circ, (a.d)], [\gamma, (d.c)], [\alpha, (c.b)], [id2, idb]] \\ * (2.b) \Rightarrow (((3.a) \Rightarrow (0.d)) \Rightarrow (1.c)) \Rightarrow (2.b) \equiv [[\beta, (b.a)], [\gamma^\circ \delta^\circ, (a.d)], [\gamma, (d.c)], [\alpha, (c.b)]]$$

$$(((3.a) \Rightarrow (1.c)) \Rightarrow ((0.d) \Rightarrow (2.b))) \Rightarrow (2.b) \equiv [[\alpha^\circ \beta^\circ, (a.c)], [\gamma^\circ, (c.d)], [\delta, (d.b)], [id2, idb]] \\ * (2.b) \Rightarrow (((3.a) \Rightarrow (1.c)) \Rightarrow (0.d)) \Rightarrow (2.b) \equiv [[\beta, (b.a)], [\alpha^\circ \beta^\circ, (a.c)], [\gamma^\circ, (c.d)], [\delta, (d.b)]]$$

$$(((3.a) \Rightarrow (0.d)) \Rightarrow ((2.b) \Rightarrow (1.c))) \Rightarrow (1.c) \equiv [[\gamma^\circ \delta^\circ, (a.d)], [\delta, (d.b)], [\alpha^\circ, (b.c)], [id1, idc]] \\ * (1.c) \Rightarrow (((3.a) \Rightarrow (0.d)) \Rightarrow (2.b)) \Rightarrow (1.c) \equiv [[\beta \alpha, (c.a)], [\gamma^\circ \delta^\circ, (a.d)], [\delta, (d.b)], [\alpha^\circ, (b.c)]]$$

$$(((3.a) \Rightarrow (2.b)) \Rightarrow ((0.d) \Rightarrow (1.c))) \Rightarrow (1.c) \equiv [[\beta^\circ, (a.b)], [\delta^\circ, (b.d)], [\gamma, (d.c)], [id1, idc]] \\ * (1.c) \Rightarrow (((3.a) \Rightarrow (2.b)) \Rightarrow (0.d)) \Rightarrow (1.c) \equiv [[\beta \alpha, (c.a)], [\beta^\circ, (a.b)], [\delta^\circ, (b.d)], [\gamma, (d.c)]]$$

$$(((3.a) \Rightarrow (1.c)) \Rightarrow ((2.b) \Rightarrow (0.d))) \Rightarrow (0.d) \equiv [[\alpha^\circ \beta^\circ, (a.c)], [\alpha, (c.b)], [\delta^\circ, (b.d)], [id0, idd]] \\ * (0.d) \Rightarrow (((3.a) \Rightarrow (1.c)) \Rightarrow (2.b)) \Rightarrow (0.d) \equiv [[\delta \gamma, (d.a)], [\alpha^\circ \beta^\circ, (a.c)], [\alpha, (c.b)], [\delta^\circ, (b.d)]]$$

$$(((3.a) \Rightarrow (2.b)) \Rightarrow ((1.c) \Rightarrow (0.d))) \Rightarrow (0.d) \equiv [[\beta^\circ, (a.b)], [\alpha^\circ, (b.c)], [\gamma^\circ, (c.d)], [id0, idd]] \\ * (0.d) \Rightarrow (((3.a) \Rightarrow (2.b)) \Rightarrow (1.c)) \Rightarrow (0.d) \equiv [[\delta \gamma, (d.a)], [\beta^\circ, (a.b)], [\alpha^\circ, (b.c)], [\gamma^\circ, (c.d)]]$$

4. Wie man leicht erkennt, sich also die paarweise auftretenden Morphismen in jeder natürlichen Transformation konstant, d.h. z.B., $\delta \gamma$ tritt immer mit (d.a), β° immer mit (a.b), id0 immer mit idd auf und umgekehrt, usw. Total gibt es also 6 polykontexturale Funktionen und 6 Konversen bei den dyadischen Funktionen, $12 + 24 = 36$ bei den triadischen Funktionen und $24 + 24 = 48$ bei den tetradischen Funktionen, total also 96 polykontexturale Zeichenfunktionen. Da wir hier ferner die allgemeinen Schemata gebracht haben, gibt es bei 15 tetradisch-tetratomischen Zeichenklassen die stattliche Anzahl von insgesamt 1440 polykontexturalen Zeichenfunktionen.

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