

Prof. Dr. Alfred Toth

Semiotische Automaten mit kontexturierten Subzeichen 2

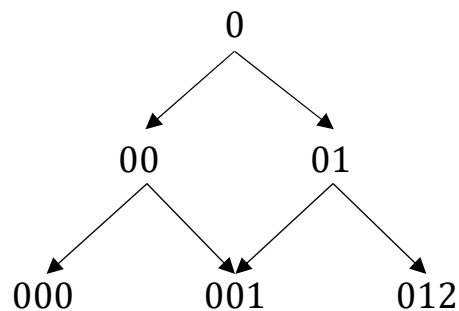
1. Im folgenden werden die in Toth (2019a) vollständig dargestellten polykontextural-semiotischen Automaten für die dyadisch-trichtomische Zeichenrelation

$$Z^{2,3} = ((w.x), (y.z))$$

mit $w, y \in (1, 2)$ und $x, z \in (0, 1, 2, 3)$

in Form von Kaehrs kontexturierten Subzeichen (vgl. Kaehr 2009) dargestellt. Die Isomorphie der Ansätze von Kaehr (2009) und Toth (2019a) wurde in Toth (2019b) bewiesen. (Aus technischen Gründen werden die kaehrschen Kontexturenzahlen statt durch Subskription durch Klammerung markiert.)

Während in Teil 1 (Toth 2019c) die Proto- und Deutero-Äquivalenzen dargestellt wurden, wird im folgenden die Trito-Äquivalenz nachgewiesen. Wie bereits in Toth (2019a) gezeigt, genügt das folgende Stemma der Proto- und Deutero-Äquivalenz.



mit den Bijektionen

$$(1.1) \leftrightarrow 0$$

$$(1.2) \leftrightarrow 00$$

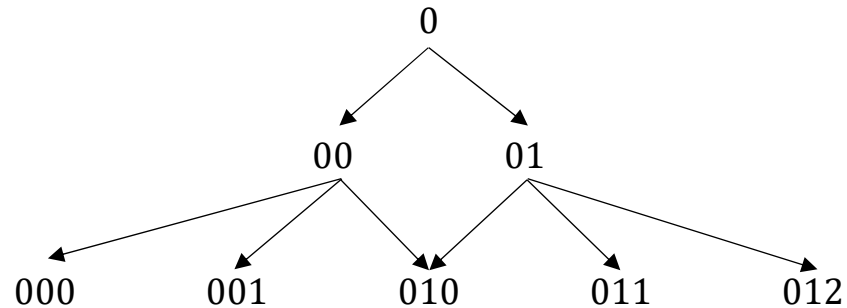
$$(1.3) \leftrightarrow 01$$

$$(2.1) \leftrightarrow 000$$

$$(2.2) \leftrightarrow 001$$

$$(2.3) \leftrightarrow 012.$$

Dagegen müssen wir für Trito-Äquivalenz von dem folgenden Stemma ausgehen



mit den Bijektionen

(1.0) $\leftrightarrow$ 0

(1.1) $\leftrightarrow$ 00

(1.2) $\leftrightarrow$ 01

(1.3) $\leftrightarrow$ 000

(2.0) $\leftrightarrow$ 001

(2.1) $\leftrightarrow$ 010

(2.2) $\leftrightarrow$ 011

(2.3) $\leftrightarrow$ 012.

Wie man erkennt, sind Proto- und Deuteroäquivalenz einerseits und Tritoäquivalenz andererseits der bijektiven Kenose nicht miteinander kompatibel:

Trito-Kenose		Proto- = Deutero-Kenose
(1.0) ↔ 0	—	—
(1.1) ↔ 00	↘	(1.1) ↔ 0
(1.2) ↔ 01	↘	(1.2) ↔ 00
(1.3) ↔ 000	↘	(1.3) ↔ 01
(2.0) ↔ 001	—	—
(2.1) ↔ 010	↘	(2.1) ↔ 000
(2.2) ↔ 011	↘	(2.2) ↔ 001
(2.3) ↔ 012	——	(2.3) ↔ 012.

Dasselbe Phänomen zeigt sich bei den kontexturierten semiotischen Matrizen von Kaehr (2009, S. 5 f.)

polycontextural semiotic 3 – matrix

$$\text{Sem}^{(3,2)} = \begin{pmatrix} \text{MM} & 1_{1,3} & 2_{1,2} & 3_{2,3} \\ 1_{1,3} & \mathbf{1.1}_{1,3} & \mathbf{1.2}_1 & \mathbf{1.3}_3 \\ 2_{1,2} & \mathbf{2.1}_1 & \mathbf{2.2}_{1,2} & \mathbf{2.3}_2 \\ 3_{2,3} & \mathbf{3.1}_3 & \mathbf{3.2}_2 & \mathbf{3.3}_{2,3} \end{pmatrix}$$

4 – contextural semiotic matrix

$$\text{Sem}^{(4,2)} = \begin{pmatrix} \text{MM} & 1 & 2 & 3 & 4 \\ 1 & \mathbf{1.1}_{1,3,4} & 1.2_{1,3} & 1.3_{1,4} & 1.4_{3,4} \\ 2 & 2.1_{1,3} & \mathbf{2.2}_{1,2,3} & 2.3_{1,2} & 2.4_{2,3} \\ 3 & 3.1_{1,4} & 3.2_{1,2} & \mathbf{3.3}_{1,2,4} & 3.4_{2,4} \\ 4 & 4.1_{3,4} & 4.2_{3,2} & 4.3_{2,4} & \mathbf{4.4}_{2,3,4} \end{pmatrix}$$

denn hier gilt

$$(1.3)_3 \neq (1.3)_{1,4}.$$

1. (1.0, 2.0)-System

1.1. R-System

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2. (1.0, 2.1)-System

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2.2. R*-System

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3. (1.0, 2.2)-System

3.1. R-System

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4. (1.0, 2.3)-System

4.1. R-System

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4.2. R*-System

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5. (1.1, 2.0)-System

5.1. R-System

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5.2. R*-System

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6. (1.1, 2.1)-System

6.1. R-System

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6.2. R*-System

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7. (1.1, 2.2)-System

7.1. R-System

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7.2. R*-System

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8. (1.1, 2.3)-System

8.1. R-System

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8.2. R*-System

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[1.1(1.3.4)]

[(2.3(1.2)))]

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[2.3(1.2)]

[1.1(1.3.4)]

[(2.3(1.2)))]

[(2.3(1.2)))]

[(1.1(1.3.4)))]

9. (1.2, 2.0)-System

9.1. R-System

(1.2(1.3))

(2.1.0(3.4)(2.3))

((1.2(1.3)))

(2.1.0(3.4)(2.3))

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9.2. R*-System

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[(1.2(1.3))]

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[1.2(1.3)]

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[2.1.0(3.4)(2.3)]

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[2.1.0(3.4)(2.3)]

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[2.1.0(3.4)(2.3))

[1.2(1.3)]

[(2.1.0(3.4)(2.3)))

[1.2(1.3)]

[2.1.0(3.4)(2.3))

[(1.2(1.3))]

[(1.2(1.3)))

[2.1.0(3.4)(2.3)]

[1.2(1.3))

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[2.1.0(3.4)(2.3)]
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(1.2(1.3))

[2.1.0(3.4)(2.3)]
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[(1.2(1.3))]
(2.1.0(3.4)(2.3))

[1.2(1.3)]
((2.1.0(3.4)(2.3)))

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[2.1.0(3.4)(2.3)]
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[2.1.0(3.4)(2.3)]

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[(2.1.0(3.4)(2.3)))]

[(2.1.0(3.4)(2.3)))]

[(1.2(1.3)))]

10. (1.2, 2.1)-System

10.1. R-System

(1.2(1.3))

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10.2. R*-System

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11. (1.2, 2.2)-System

11.1. R-System

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11.2. R*-System

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12. (1.2, 2.3)-System

12.1. R-System

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12.2. R*-System

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13. (1.3, 2.0)-System

13.1. R-System

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13.2. R*-System

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14. (1.3, 2.1)-System

14.1. R-System

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14.2. R*-System

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15. (1.3, 2.2)-System

15.1. R-System

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16. (1.3, 2.3)-System

16.1. R-System

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[(1.3(1.4))]

Literatur

Kaehr, Rudolf, Sketch on semiotics in diamonds. In: ThinkArt Lab, 3.3.2009

Toth, Alfred, Grundlegung einer polykontexturalen Semiotik. 683 S. Tucson, AZ 2019a

Toth, Alfred, Bijektive Abbildung der kaehrschen kontextuellen Semiotik auf die polykontexturale Semiotik. In: Electronic Journal for Mathematical Semiotics, 2019b

Toth, Alfred, Semiotische Automaten mit kontexturierten Subzeichen. In: Electronic Journal for Mathematical Semiotics, 2019c

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