

Knotentypen und thematisierte Realitäten

1. Wie bereits aus Toth (2025a-c) ersichtlich ist, sind die Knotendiagramme der abgeleiteten semiotischen Relationen aus denjenigen der nicht-abgeleiteten nicht direkt ablesbar, et vice versa. Aus dem gleichen Grunde ist auch ein Zusammenhang zwischen einer semiotischen Relation und ihrer thematisierten (strukturellen) Realität ebenfalls nur konstruktiv zugänglich. Die vorliegende Arbeit bietet für alle $3^3 = 27$ ternären semiotischen Relationen die Knotendiagramme für sie und ihre Differentiationen (vgl. Toth 2025d).

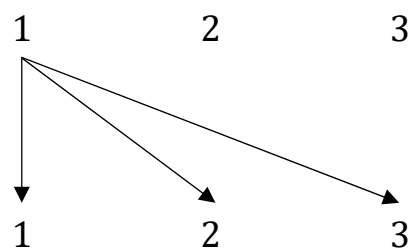
ZKln	RThn			Them. Realitäten
3.1 2.1 1.1	1.1	<u>1.2</u>	<u>1.3</u>	M-them. M (Vollst. M)
3.1 2.1 1.2	2.1	<u>1.2</u>	<u>1.3</u>	M-them. O
3.1 2.1 1.3	3.1	<u>1.2</u>	<u>1.3</u>	M-them. I
3.1 2.2 1.1	<u>1.1</u>	2.2	<u>1.3</u>	M-them. O (SW)
3.1 2.2 1.2	<u>2.1</u>	<u>2.2</u>	1.3	O-them. M
3.1 2.2 1.3	<u>3.1</u>	<u>2.2</u>	<u>1.3</u>	ER
3.1 2.3 1.1	<u>1.1</u>	3.2	<u>1.3</u>	M-them. I (SW)
3.1 2.3 1.2	<u>2.1</u>	<u>3.2</u>	<u>1.3</u>	ER
3.1 2.3 1.3	<u>3.1</u>	<u>3.2</u>	1.3	I-them. M
3.2 2.1 1.1	<u>1.1</u>	<u>1.2</u>	2.3	M-them. O
3.2 2.1 1.2	<u>2.1</u>	1.2	<u>2.3</u>	O-them. M (SW)
3.2 2.1 1.3	<u>3.1</u>	<u>1.2</u>	<u>2.3</u>	ER
3.2 2.2 1.1	1.1	<u>2.2</u>	<u>2.3</u>	O-them. M
3.2 2.2 1.2	2.1	<u>2.2</u>	<u>2.3</u>	O-them. O (Vollst. O)
3.2 2.2 1.3	3.1	<u>2.2</u>	<u>2.3</u>	O-them. I

3.2	2.3	1.1	<u>1.1</u>	<u>3.2</u>	<u>2.3</u>	ER
3.2	2.3	1.2	<u>2.1</u>	3.2	<u>2.3</u>	O-them. I (SW)
3.2	2.3	1.3	<u>3.1</u>	<u>3.2</u>	2.3	I-them. O
3.3	2.1	1.1	<u>1.1</u>	<u>1.2</u>	3.3	M-them. I
3.3	2.1	1.2	<u>2.1</u>	<u>1.2</u>	<u>3.3</u>	ER
3.3	2.1	1.3	<u>3.1</u>	1.2	<u>3.3</u>	I-them. M (SW)
3.3	2.2	1.1	<u>1.1</u>	<u>2.2</u>	<u>3.3</u>	ER
3.3	2.2	1.2	<u>2.1</u>	<u>2.2</u>	3.3	O-them. I
3.3	2.2	1.3	<u>3.1</u>	2.2	<u>3.3</u>	I-them. O (SW)
3.3	2.3	1.1	1.1	<u>3.2</u>	<u>3.3</u>	I-them. M
3.3	2.3	1.2	2.1	<u>3.2</u>	<u>3.3</u>	I-them. O
3.3	2.3	1.3	3.1	<u>3.2</u>	<u>3.3</u>	I-them. I (Vollst. I)

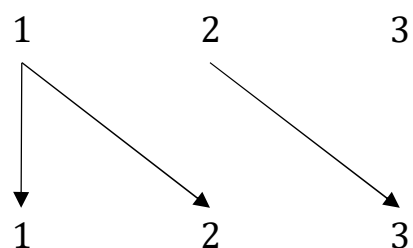
2. Thematisierungen

2.1. M-Thematisierungen

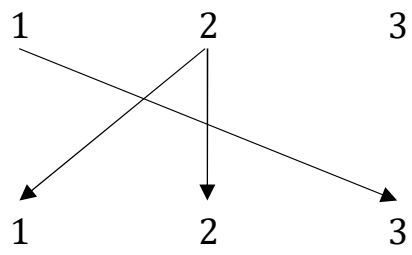
1. 1.1 1.2 1.3 M-them. M (Vollst. M)



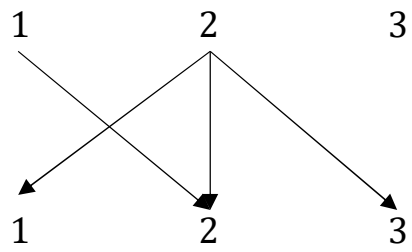
$$(1.1, 1.2, 1.3)' = ((1.1, 1.2), (1.1, 2.3))$$



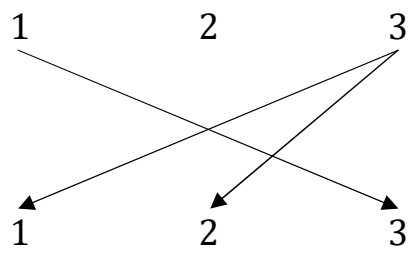
2. 2.1 2.2 1.3 O-them. M



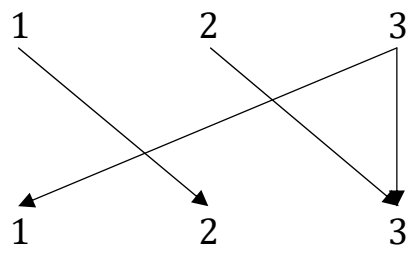
$$(2.1, 2.2, 1.3)' = ((2.2, 1.2), (2.1, 2.3))$$



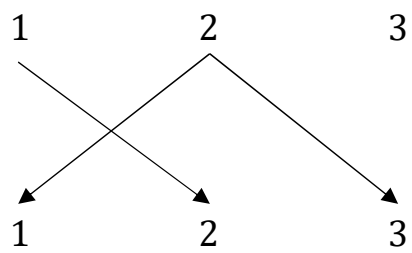
3. 3.1 3.2 1.3 I-them. M



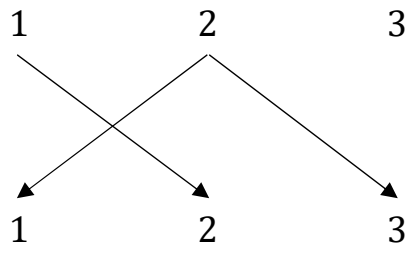
$$(3.1, 3.2, 1.3)' = ((3.3, 1.2), (3.1, 2.3))$$



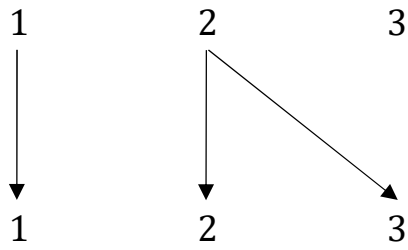
4. 2.1 1.2 2.3 O-them. M (SW)



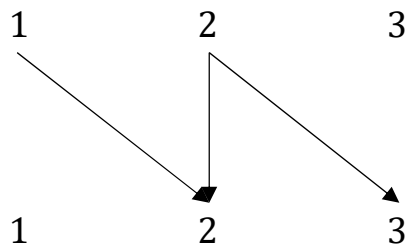
$$(2.1, 1.2, 2.3)' = ((2.1, 1.2), (1.2, 2.3))$$



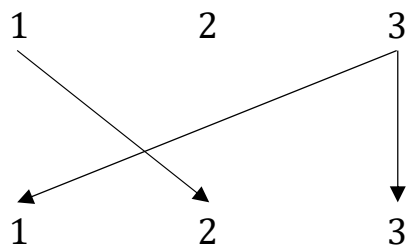
5. 1.1 2.2 2.3 O-them. M



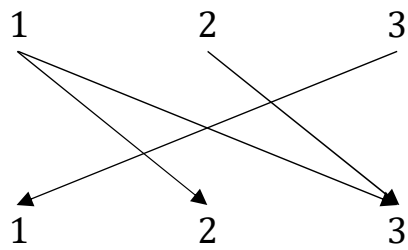
$$(1.1, 2.2, 2.3)' = ((1.2, 1.2), (2.2, 2.3))$$



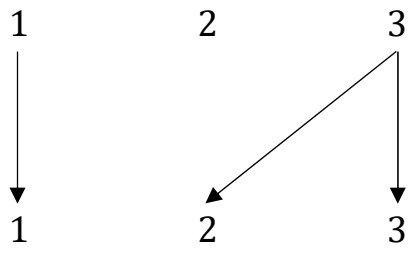
6. 3.1 1.2 3.3 I-them. M (SW)



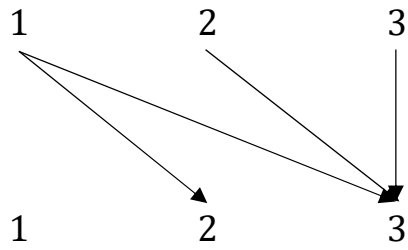
$$(3.1, 1.2, 3.3)' = ((3.1, 1.2), (1.3, 2.3))$$



7. 1.1 3.2 3.3 I-them. M

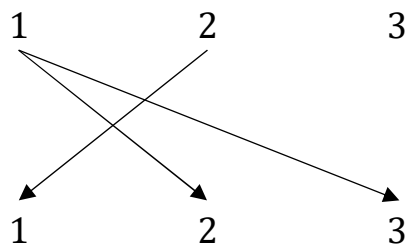


$$(1.1, 3.2, 3.3)' = ((1.3, 1.2), (3.3, 2.3))$$

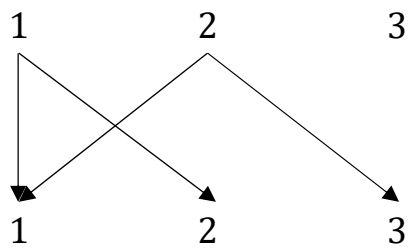


2.2. O-Thematisationen

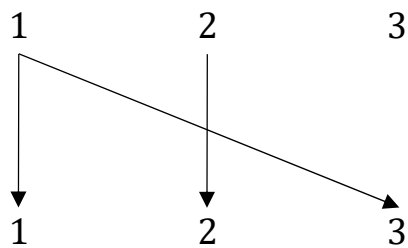
1. 2.1 1.2 1.3 M-them. O



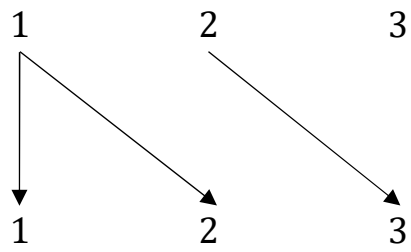
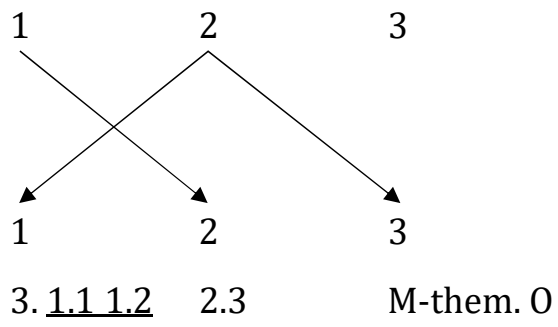
$$(2.1, 1.2, 1.3)' = ((2.1, 1.2), (1.1, 2.3))$$



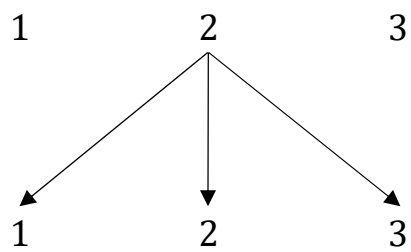
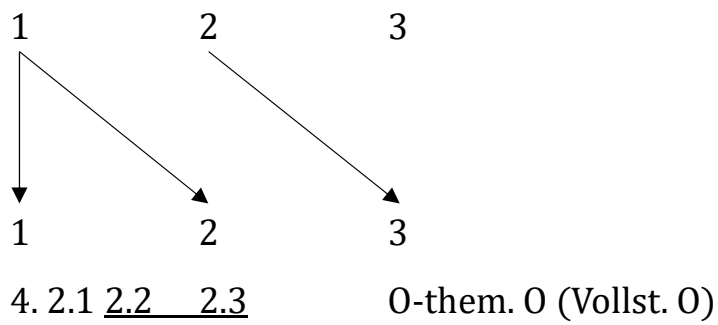
2. 1.1 2.2 1.3 M-them. O (SW)



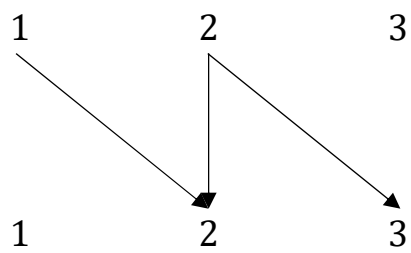
$$(1.1, 2.2, 1.3)' = ((1.2, 1.2), (2.1, 2.3))$$



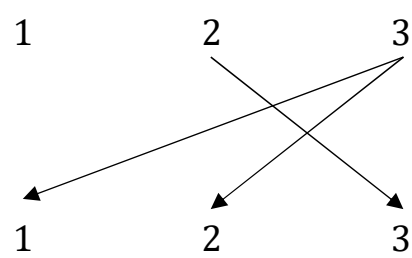
$$(1.1, 1.2, 2.3)' = ((1.1, 1.2), (1.2, 2.3))$$



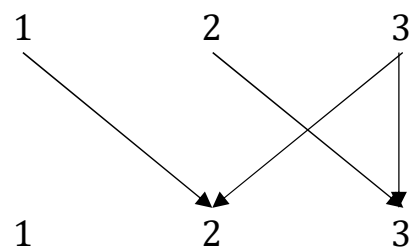
$$(2.1, 2.2, 2.3)' = ((2.2, 1.2), (2.2, 2.3))$$



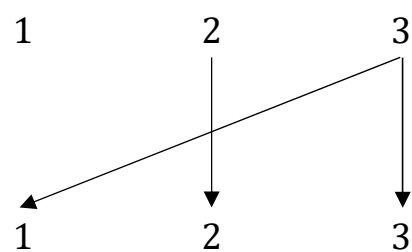
5. 3.1 3.2 2.3 I-them. 0



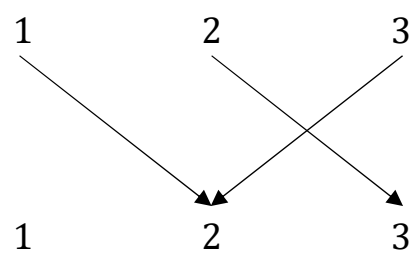
$$(3.1, 3.2, 2.3)' = ((3.3, 1.2), (3.2, 2.3))$$



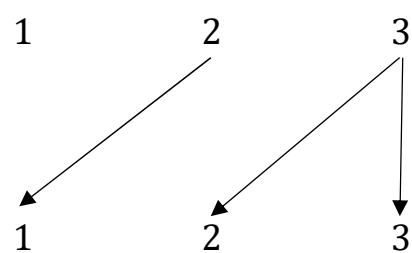
6. 3.1 2.2 3.3 I-them. 0 (SW)



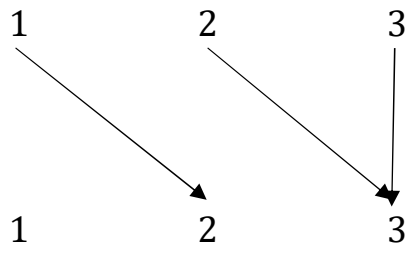
$$(3.1, 2.2, 3.3)' = ((3.2, 1.2), (2.3, 2.3))$$



7. 2.1 3.2 3.3 I-them. 0

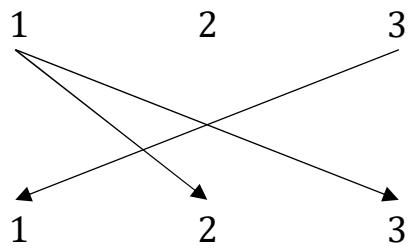


$$(2.1, 3.2, 3.3)' = ((2.3, 1.2), (3.3, 2.3))$$

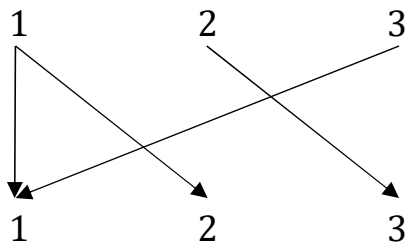


2.3. I-Thematisationen

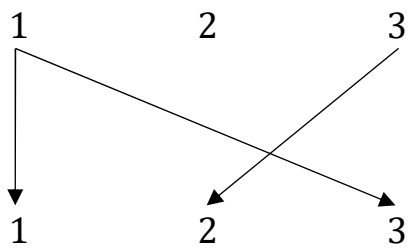
1. 3.1 1.2 1.3 M-them. I



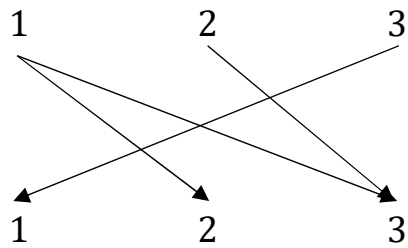
$$(3.1, 1.2, 1.3)' = ((3.1, 1.2), (1.1, 2.3))$$



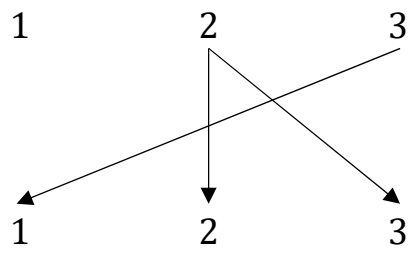
2. 1.1 3.2 1.3 M-them. I (SW)



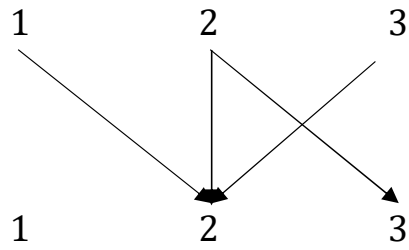
$$(1.1, 3.2, 1.3)' = ((1.3, 1.2), (3.1, 2.3))$$



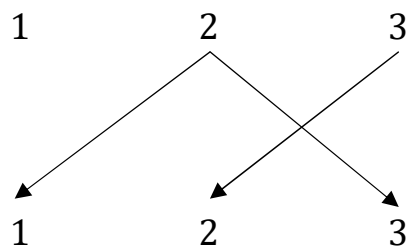
3. 3.1 2.2 2.3 O-them. I



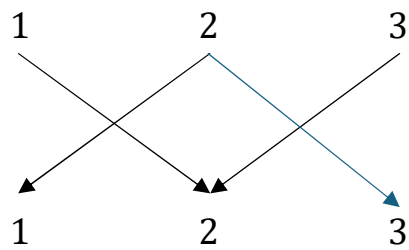
$$(3.1, 2.2, 2.3)' = ((3.2, 1.2), (2.2, 2.3))$$



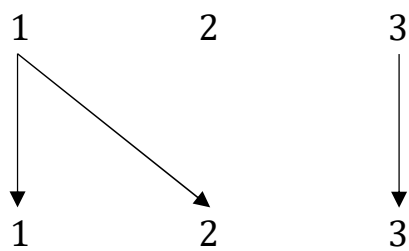
4. 2.1 3.2 2.3 O-them. I (SW)



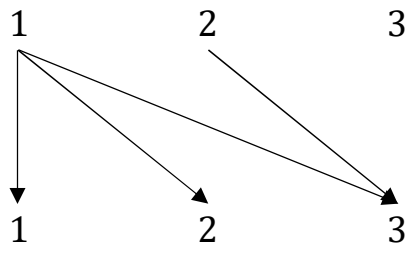
$$(2.1, 3.2, 2.3)' = ((2.3, 1.2), (3.2, 2.3))$$



5. 1.1 1.2 3.3 M-them. I



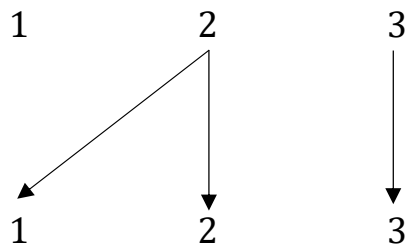
$$(1.1, 1.2, 3.3)' = ((1.1, 1.2), (1.3, 2.3))$$



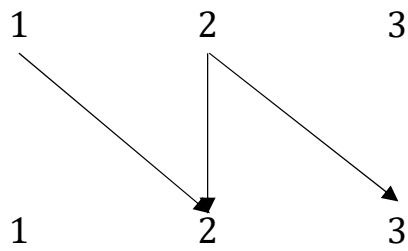
6. 2.1 2.2

3.3

O-them. I

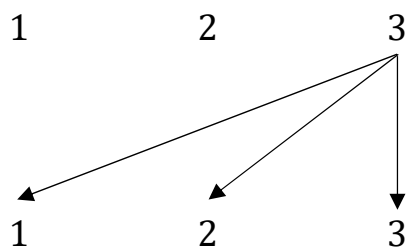


$$(2.1, 2.2, 3.3)' = ((2.2, 1.2), (2.3, 2.3))$$

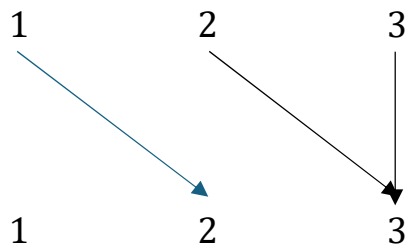


7. 3.1 3.2 3.3

I-them. I (Vollst. I)

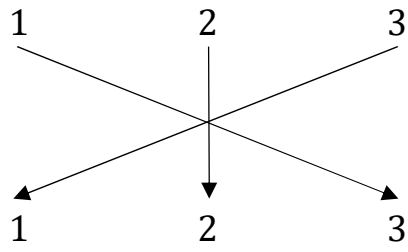


$$(3.1, 3.2, 3.3)' = ((3.3, 1.2), (3.3, 2.3))$$

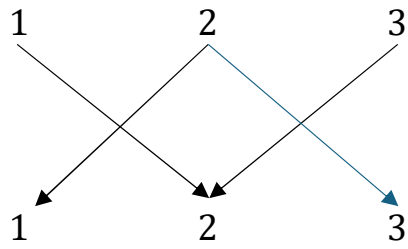


2.4. ER-Thematisierungen

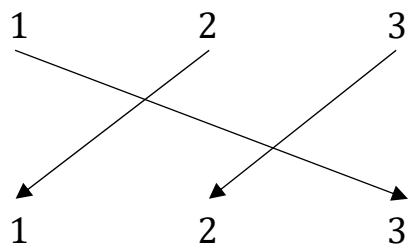
1. 3.1 2.2 1.3 ER



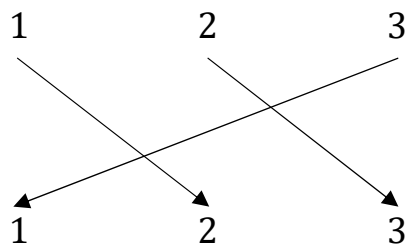
$$(3.1, 2.2, 1.3)' = ((3.2, 1.2), (2.1, 2.3))$$



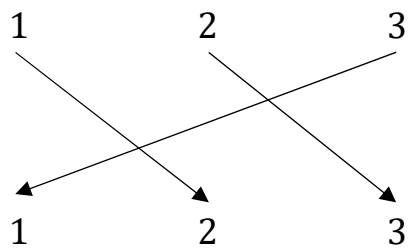
2. 2.1 3.2 1.3 ER



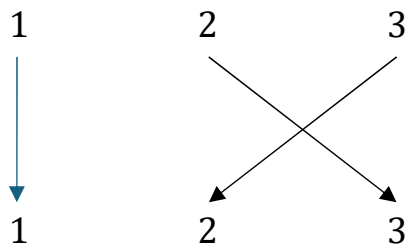
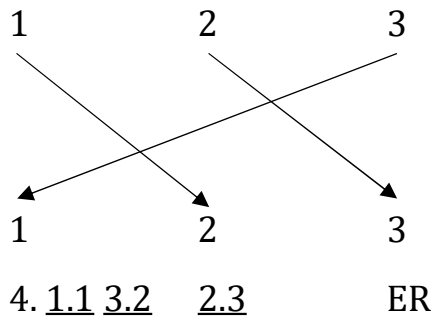
$$(2.1, 3.2, 1.3)' = ((2.3, 1.2), (3.1, 2.3))$$



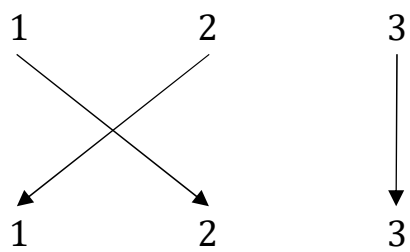
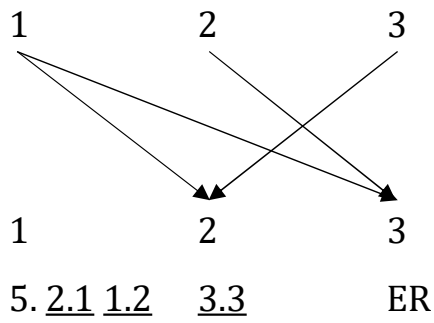
3. 3.1 1.2 2.3 ER



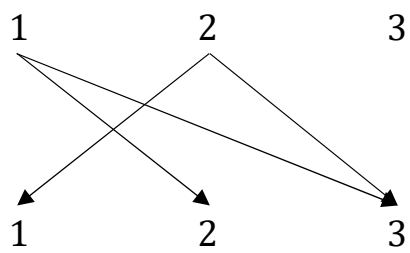
$$(3.1, 1.2, 2.3)' = ((3.1, 1.2), (1.2, 2.3))$$



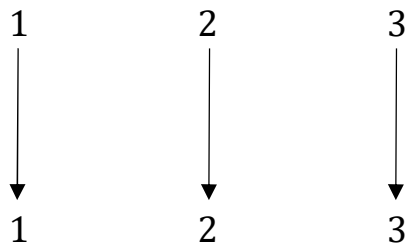
$$(1.1, 3.2, 2.3)' = ((1.3, 1.2), (3.2, 2.3))$$



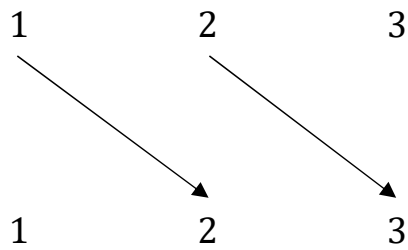
$$(2.1, 1.2, 3.3)' = ((2.1, 1.2), (1.3, 2.3))$$



6. 1.1 2.2 3.3 ER



$(1.1, 2.2, 3.3)' = ((1.2, 1.2), (2.3, 2.3))$



Literatur

Toth, Alfred, Von Verschränkungen zu Verschlingungen. In: Electronic Journal for Mathematical Semiotics, 2025a

Toth, Alfred, Typen semiotischer Knoten. In: Electronic Journal for Mathematical Semiotics, 2025b

Toth, Alfred, Eigenreale Knoten. In: Electronic Journal for Mathematical Semiotics, 2025c

Toth, Alfred, Semiotische Differentiation I-II. In: Electronic Journal for Mathematical Semiotics, 2025d

7.10.2025