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Adjunktionen bei Mesozeichenrelationen

1. Mesozeichenrelationen (vgl. Toth 2026) haben die Eigentümlichkeit, daß sie in den meisten Fällen Links- und Rechtsadjunktionen bilden, so daß ihre allgemeine Struktur die folgende Form hat:

$$\text{MZR} = (\text{Adj}^{\text{lo}} \text{ — MesoZ — Adj}^{\text{ro}}).$$

2. Mesozeichenrelationen

$$\begin{array}{ccccccc} 3.1 & & 2.1 & 1.1 & \times & 1.1 & 1.2 & 1.3 \\ & & \parallel & \parallel & \downarrow & \parallel & \parallel & \end{array}$$

$$3.2 \quad 1.1 \quad 2.1 \quad 1.1 \quad \times \quad 1.1 \quad 1.2 \quad 1.1 \quad 2.3$$

$$\text{Adj}^{\text{lo}} = (3.2, 1.1)$$

$$\text{MesoZ} = (2.1, 1.1 \times 1.1, 1.2)$$

$$\text{Adj}^{\text{ro}} = (1.1, 2.3)$$

$$\begin{array}{ccccccc} 3.1 & & 2.1 & 1.2 & \times & 2.1 & 1.2 & 1.3 \\ & & \parallel & \parallel & \downarrow & \parallel & \parallel & \end{array}$$

$$3.2 \quad 1.1 \quad 2.1 \quad 1.2 \quad \times \quad 2.1 \quad 1.2 \quad 1.1 \quad 2.3$$

$$\text{Adj}^{\text{lo}} = (3.2, 1.1)$$

$$\text{MesoZ} = (2.1, 1.2 \times 2.1, 1.2)$$

$$\text{Adj}^{\text{ro}} = (1.1, 2.3)$$

$$\begin{array}{ccccccc} 3.1 & & 2.1 & 1.3 & \times & 3.1 & 1.2 & 1.3 \\ & & \parallel & \parallel & \downarrow & \parallel & \parallel & \end{array}$$

$$3.2 \quad 1.1 \quad 2.1 \quad 1.3 \quad \times \quad 3.1 \quad 1.2 \quad 1.1 \quad 2.3$$

$$\text{Adj}^{\text{lo}} = (3.2, 1.1)$$

$$\text{MesoZ} = (2.1, 1.3 \times 3.1, 1.2)$$

$$\text{Adj}^{\text{ro}} = (1.1, 2.3)$$

3.1 2.2 1.1 × 1.1 2.2 1.3
 \emptyset \Downarrow \emptyset
3.2 1.2 2.1 2.1 × 1.2 1.2 2.1 2.3
Adj^{lo} = (3.2, 1.2, 2.1, 2.1)
MesoZ = \emptyset
Adj^{ro} = (1.2, 1.2, 2.1, 2.3)

3.1 2.2 1.2 × 2.1 2.2 1.3
 \parallel \Downarrow \parallel
3.2 1.2 2.1 2.2 × 2.2 1.2 2.1 2.3
Adj^{lo} = (3.2, 1.2, 2.1)
MesoZ = (2.2 × 2.2)
Adj^{ro} = (1.2, 2.1, 2.3)

3.1 2.2 1.3 × 3.1 2.2 1.3
 \emptyset \Downarrow \emptyset
3.2 1.2 2.1 2.3 × 3.2 1.2 2.1 2.3
Adj^{lo} = (3.2, 1.2, 2.1, 2.3)
MesoZ = \emptyset
Adj^{ro} = (3.2, 1.2, 2.1, 2.3)

 3.1 2.3 1.1 × 1.1 3.2 1.3
 \parallel \Downarrow \parallel
3.2 1.3 2.1 3.1 × 1.3 1.2 3.1 2.3
Adj^{lo} = (3.2, 1.3, 2.1)
MesoZ = (3.1 × 1.3)
Adj^{ro} = (1.2, 3.1, 2.3)

3.1 2.3 1.2 × 2.1 3.2 1.3
 ∅ ↓ ∅
 3.2 1.3 2.1 3.2 × 2.3 1.2 3.1 2.3
 Adj^{lo} = (3.2, 1.3, 2.1, 3.2)
 MesoZ = ∅
 Adj^{ro} = (2.3, 1.2, 3.1, 2.3)

3.1 2.3 1.3 × 3.1 3.2 1.3
 ∥ ↓ ∥
 3.2 1.3 2.1 3.3 × 3.3 1.2 3.1 2.3
 Adj^{lo} = (3.2)
 MesoZ = (1.3 × 3.1)
 Adj^{ro} = (2.3)

3.2 2.1 1.1 × 1.1 1.2 2.3
 ∥ ∥ ∥ ↓ ∥ ∥ ∥
 3.2 2.1 2.1 1.1 1.1 1.2 1.2 2.3
 3.1 2.3 1.3 × 3.1 3.2 1.3
 ∥ ↓ ∥
 3.2 1.3 2.1 3.3 × 3.3 1.2 3.1 2.3
 Adj^{lo} = ∅
 MesoZ = (3.2, 2.1, 1.1 × 1.1, 1.2, 2.3)
 Adj^{ro} = ∅

3.2 2.1 1.2 × 2.1 1.2 2.3
 ∥ ∥ ∥ ↓ ∥ ∥ ∥
 3.2 2.1 2.1 1.2 × 2.1 1.2 1.2 2.3

$$\text{Adj}^{\text{lo}} = \emptyset$$

$$\text{MesoZ} = (3.2, 2.1, 1.2 \times 2.1, 1.2, 2.3)$$

$$\text{Adj}^{\text{ro}} = \emptyset$$

$$\begin{array}{cccccccc} 3.2 & 2.1 & & 1.3 & \times & 3.1 & 1.2 & 2.3 \\ \parallel & \parallel & & \parallel & \Downarrow & \parallel & \parallel & \parallel \end{array}$$

$$\begin{array}{cccccccc} 3.2 & 2.1 & 2.1 & 1.3 & \times & 3.1 & 1.2 & 1.2 & 2.3 \end{array}$$

$$\text{Adj}^{\text{lo}} = \emptyset$$

$$\text{MesoZ} = (3.2, 2.1, 1.3 \times 3.1, 1.2, 2.3)$$

$$\text{Adj}^{\text{ro}} = \emptyset$$

$$\begin{array}{cccccccc} 3.2 & 2.2 & 1.1 & & \times & 1.1 & 2.2 & 2.3 \\ \parallel & \parallel & & & \Downarrow & & \parallel & \parallel \end{array}$$

$$\begin{array}{cccccccc} 3.2 & 2.2 & 2.1 & 2.1 & \times & 1.2 & 1.2 & 2.2 & 2.3 \end{array}$$

$$\text{Adj}^{\text{lo}} = \emptyset$$

$$\text{MesoZ} = (3.2, 2.2 \times 2.2, 2.3)$$

$$\text{Adj}^{\text{ro}} = \emptyset$$

$$\begin{array}{cccccccc} 3.2 & 2.2 & 1.2 & & \times & 2.1 & 2.2 & 2.3 \\ \parallel & \parallel & & & \Downarrow & & \parallel & \parallel \end{array}$$

$$\begin{array}{cccccccc} 3.2 & 2.2 & 2.1 & 2.2 & \times & 2.2 & 1.2 & 2.2 & 2.3 \end{array}$$

$$\text{Adj}^{\text{lo}} = \emptyset$$

$$\text{MesoZ} = (3.2, 2.2, 2.2 \times 2.2, 2.2, 2.3)$$

$$\text{Adj}^{\text{ro}} = \emptyset$$

3.2 2.2 1.3 × 3.1 2.2 2.3
 || || ↓ || ||

3.2 2.2 2.1 2.3 × 3.2 1.2 2.2 2.3

Adj^{lo} = ∅

MesoZ = (3.2, 2.2 × 2.2, 2.3)

Adj^{ro} = ∅

3.2 2.3 1.1 × 1.1 3.2 2.3
 || || ↓ || ||

3.2 2.3 2.1 3.1 × 1.3 1.2 3.2 2.3

Adj^{lo} = ∅

MesoZ = (3.2, 2.3 × 2.2, 2.3)

Adj^{ro} = ∅

3.2 2.3 1.2 × 2.1 3.2 2.3
 || || ↓ || ||

3.2 2.3 2.1 3.2 × 2.3 1.2 3.2 2.3

Adj^{lo} = ∅

MesoZ = (3.2, 2.3 × 2.2, 2.3)

Adj^{ro} = ∅

3.2 2.3 1.3 × 3.1 3.2 2.3
 || || ↓ || ||

3.2 2.3 2.1 3.3 × 3.3 1.2 3.2 2.3

Adj^{lo} = ∅

MesoZ = (3.2, 2.3 × 2.2, 2.3)

Adj^{ro} = ∅

3.3		2.1	1.1	×	1.1	1.2	3.3	
				↓				
3.2	3.1	2.1	1.1	×	1.1	1.2	1.3	2.3

Adj^{lo} = (3.2, 3.1)

MesoZ = (2.1, 1.1 × 1.1, 1.2)

Adj^{ro} = (1.3, 2.3)

3.3		2.1	1.2	×	2.1	1.2	3.3	
				↓				
3.2	3.1	2.1	1.2	×	2.1	1.2	1.3	2.3

Adj^{lo} = (3.2, 3.1)

MesoZ = (2.1, 1.2 × 2.1, 1.2)

Adj^{ro} = (1.3, 2.3)

3.3		2.1	1.3	×	3.1	1.2	3.3	
				↓				
3.2	3.1	2.1	1.3	×	3.1	1.2	1.3	2.3

Adj^{lo} = (3.2, 3.1)

MesoZ = (2.1, 1.3 × 3.1, 1.2)

Adj^{ro} = (1.3, 2.3)

3.3	2.2	1.1		×	1.1	2.2	3.3	
	∅			↓		∅		
3.2	3.2	2.1	2.1	×	1.2	1.2	2.3	2.3

Adj^{lo} = (3.2, 3.2, 2.1, 2.1)

MesoZ = ∅

$$\text{Adj}^{\text{ro}} = (1.2, 1.2, 2.3, 2.3)$$

$$\begin{array}{ccccccccc} 3.3 & 2.2 & 1.2 & & \times & 2.1 & 2.2 & 3.3 & \\ & \emptyset & & & \Downarrow & & \emptyset & & \\ 3.2 & 3.2 & 2.1 & 2.2 & \times & 2.2 & 1.2 & 2.3 & 2.3 \end{array}$$

$$\text{Adj}^{\text{lo}} = (3.2, 3.2, 2.1, 2.2)$$

$$\text{MesoZ} = \emptyset$$

$$\text{Adj}^{\text{ro}} = (2.2, 1.2, 2.3, 2.3)$$

$$\begin{array}{ccccccccc} 3.3 & 2.2 & 1.3 & & \times & 3.1 & 2.2 & 3.3 & \\ & \emptyset & & & \Downarrow & & \emptyset & & \\ 3.2 & 3.2 & 2.1 & 2.3 & \times & 3.2 & 1.2 & 2.3 & 2.3 \end{array}$$

$$\text{Adj}^{\text{lo}} = (3.2, 3.2, 2.1, 2.3)$$

$$\text{MesoZ} = \emptyset$$

$$\text{Adj}^{\text{ro}} = (3.2, 1.2, 2.3, 2.3)$$

$$\begin{array}{ccccccccc} 3.3 & 2.3 & 1.1 & & \times & 1.1 & 3.2 & 3.3 & \\ & \emptyset & & & \Downarrow & & \emptyset & & \\ 3.2 & 3.3 & 2.1 & 3.1 & \times & 1.3 & 1.2 & 3.3 & 2.3 \end{array}$$

$$\text{Adj}^{\text{lo}} = (3.2, 3.3, 2.1, 3.1)$$

$$\text{MesoZ} = \emptyset$$

$$\text{Adj}^{\text{ro}} = (1.3, 1.2, 3.3, 2.3)$$

$$\begin{array}{ccccccccc} & 3.3 & 2.3 & 1.2 & \times & 2.1 & 3.2 & 3.3 & \\ & \parallel & & & \Downarrow & & \parallel & & \\ 3.2 & 3.3 & 2.1 & 3.2 & \times & 2.3 & 1.2 & 3.3 & 2.3 \end{array}$$

$$\text{Adj}^{\text{lo}} = (3.2)$$

$$\text{MesoZ} = (3.3 \times 3.3)$$

$$\text{Adj}^{\text{ro}} = (2.3)$$

$$\begin{array}{ccccccc}
 & & 3.3 & 2.3 & 1.3 & \times & 3.1 & 3.2 & 3.3 \\
 & & \parallel & & & \Downarrow & & & \parallel \\
 3.2 & 3.3 & 2.1 & 3.3 & & \times & 3.3 & 1.2 & 3.3 & 2.3
 \end{array}$$

$$\text{Adj}^{\text{lo}} = (3.2, 3.3, 2.1)$$

$$\text{MesoZ} = (3.3 \times 3.3)$$

$$\text{Adj}^{\text{ro}} = (2.3)$$

Nur in diesem Falle gilt also Nicht-Dualität zwischen Adj^{lo} und Adj^{ro} .

Literatur

Toth, Alfred, Chreodische Mesozeichen in ternär-quaternären Dualsystemen.
 In: Electronic Journal for Mathematical Semiotics, 2026

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