

**Prof. Dr. Alfred Toth**

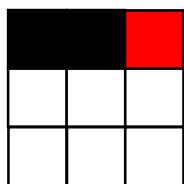
### **Venndiagramme für Realitätsthematisierungen semiotischer Relationen**

1. Im folgenden gehen wir aus von der Gesamtmenge der über der abstrakten Struktur  $Z = R(3.x, 2.y, 1.z)$  mit  $x, y, z \in \{1, 2, 3\}$  erzeugbaren  $3^3 = 27$  semiotischen Relationen (vgl. Toth 2019) und stellen die durch die Realitätsthematiken thematisierten entitätschen (strukturellen) Realitäten mittels Venndiagrammen dar. Dabei werden thematisierende Subzeichen schwarz und thematisierte rot gekennzeichnet.

2. Die 27 semiotischen Dualsysteme

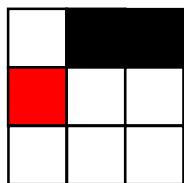
#### **2.1. Dualsystem**

Zkl	×	Rth	Rpw	Thematisation
(3.1, 2.1, 1.1)	×	(1.1, <u>1.2, 1.3</u> )	9	M-them. M



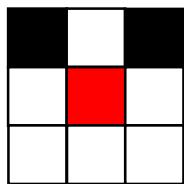
#### **2.2. Dualsystem**

(3.1, 2.1, 1.2)	×	(2.1, <u>1.2, 1.3</u> )	10	M-them. O
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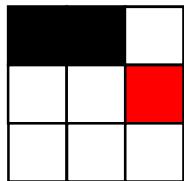
#### **2.3. Dualsystem**

*(3.1, 2.2, 1.1)	×	( <u>1.1, 2.2, 1.3</u> )	10	M-them. O
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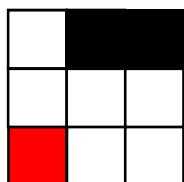
## 2.4. Dualsystem

$$*(3.2, 2.1, 1.1) \times (\underline{1.1}, \underline{1.2}, 2.3) \quad 10 \quad \text{M-them. O}$$



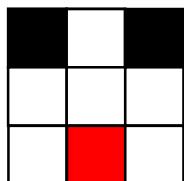
## 2.5. Dualsystem

$$(3.1, 2.1, 1.3) \times (3.1, \underline{1.2}, \underline{1.3}) \quad 11 \quad \text{M-them. I}$$



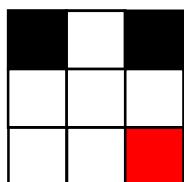
## 2.6. Dualsystem

$$*(3.1, 2.3, 1.1) \times (\underline{1.1}, 3.2, \underline{1.3}) \quad 11 \quad \text{M-them. I}$$



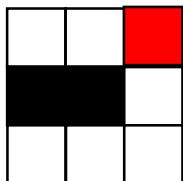
## 2.7. Dualsystem

$$*(3.3, 2.1, 1.1) \times (\underline{1.1}, \underline{1.2}, 3.3) \quad 11 \quad \text{M-them. I}$$



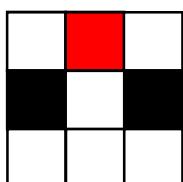
## 2.8. Dualsystem

$$(3.1, 2.2, 1.2) \times (\underline{2.1}, 2.2, 1.3) \quad 11 \quad \text{O-them. M}$$



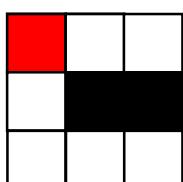
## 2.9. Dualsystem

$$*(3.2, 2.1, 1.2) \times (\underline{2.1}, 1.2, \underline{2.3}) \quad 11 \quad \text{O-them. M}$$



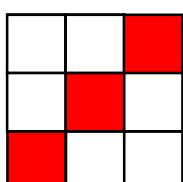
## 2.10. Dualsystem

$$*(3.2, 2.2, 1.1) \times (1.1, \underline{2.2}, \underline{2.3}) \quad 11 \quad \text{O-them. M}$$



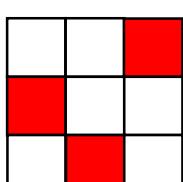
## 2.11. Dualsystem

$$(3.1, 2.2, 1.3) \times (\underline{3.1}, \underline{2.2}, \underline{1.3}) \quad 12 \quad \text{triadisch}$$



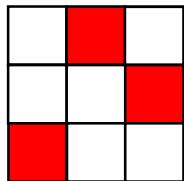
## 2.12. Dualsystem

$$*(3.1, 2.3, 1.2) \times (\underline{2.1}, \underline{3.2}, \underline{1.3}) \quad 12 \quad \text{triadisch}$$



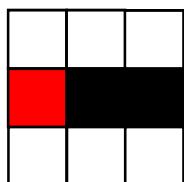
### 2.13. Dualsystem

$*(3.2, 2.1, 1.3) \times (\underline{3.1}, \underline{1.2}, \underline{2.3})$  12 triadisch



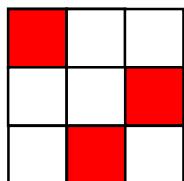
### 2.14. Dualsystem

$(3.2, 2.2, 1.2) \times (2.1, \underline{2.2}, \underline{2.3})$  12 O-them. O



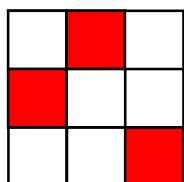
### 2.15. Dualsystem

$*(3.2, 2.3, 1.1) \times (\underline{1.1}, \underline{3.2}, \underline{2.3})$  12 triadisch



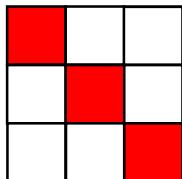
### 2.16. Dualsystem

$*(3.3, 2.1, 1.2) \times (\underline{2.1}, \underline{1.2}, \underline{3.3})$  12 triadisch



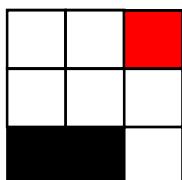
### 2.17. Dualsystem

$*(3.3, 2.2, 1.1) \times (\underline{1.1}, \underline{2.2}, \underline{3.3})$  12 triadisch



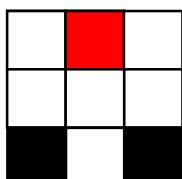
### 2.18. Dualsystem

$(3.1, 2.3, 1.3) \times (\underline{3.1}, \underline{3.2}, 1.3)$  13 I-them. M



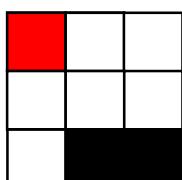
### 2.19. Dualsystem

$*(3.3, 2.1, 1.3) \times (\underline{3.1}, 1.2, \underline{3.3})$  13 I-them. M



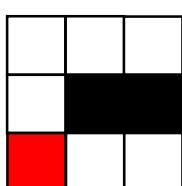
### 2.20. Dualsystem

$*(3.3, 2.3, 1.1) \times (1.1, \underline{3.2}, \underline{3.3})$  13 I-them. M



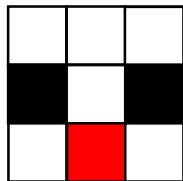
### 2.21. Dualsystem

$(3.2, 2.2, 1.3) \times (3.1, \underline{2.2}, \underline{2.3})$  13 O-them. I



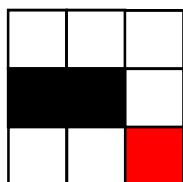
## 2.22. Dualsystem

$$*(3.2, 2.3, 1.2) \times (\underline{2.1}, 3.2, \underline{2.3}) \quad 13 \quad \text{O-them. I}$$



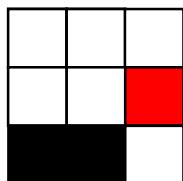
## 2.23. Dualsystem

$$*(3.3, 2.2, 1.2) \times (\underline{2.1}, \underline{2.2}, 3.3) \quad 13 \quad \text{O-them. I}$$



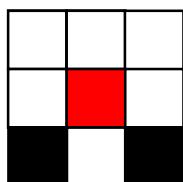
## 2.24. Dualsystem

$$(3.2, 2.3, 1.3) \times (\underline{3.1}, \underline{3.2}, 2.3) \quad 14 \quad \text{I-them. O}$$



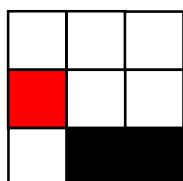
## 2.25. Dualsystem

$$*(3.3, 2.2, 1.3) \times (\underline{3.1}, 2.2, \underline{3.3}) \quad 14 \quad \text{I-them. O}$$



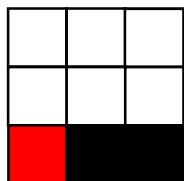
## 2.26. Dualsystem

$$*(3.3, 2.3, 1.2) \times (2.1, \underline{3.2}, \underline{3.3}) \quad 14 \quad \text{I-them. O}$$



## 2.27. Dualsystem

(3.3, 2.3, 1.3)    ×    (3.1, 3.2, 3.3)    15    I-them. I



## Literatur

Toth, Alfred, Gleiche Repräsentationswerte bei regulären und irregulären semiotischen Dualsystemen. In: Electronic Journal for Mathematical Semiotics, 2019

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