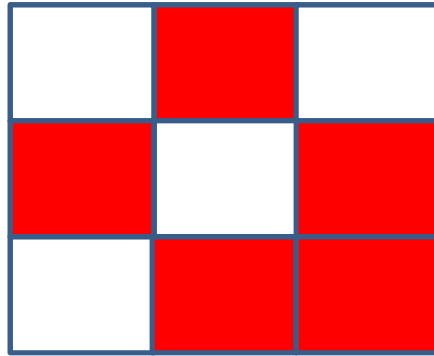
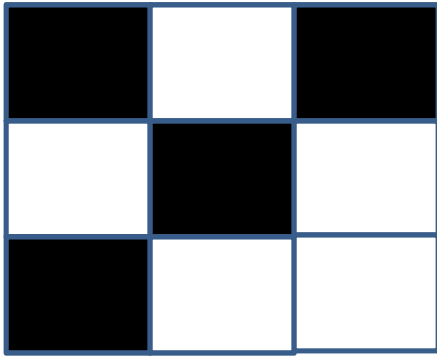


Konverse Vereinigungsrelationen irregulärer semiotischer Dualsysteme

1. Im Anschluß an die Untersuchung der Nachbarschaftsrelationen irregulärer semiotischer Dualsysteme (Toth 2013) untersuchen wir im folgenden die Nachbarschaftsrelationen der Vereinigungsrelationen der beiden Teilsysteme der 17 irregulären Dualsysteme.

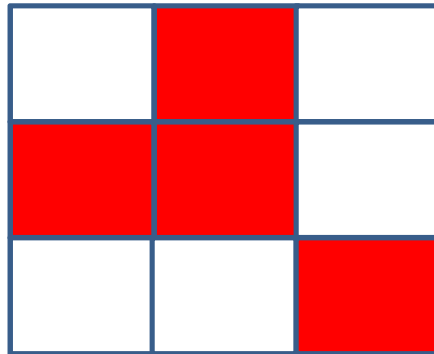
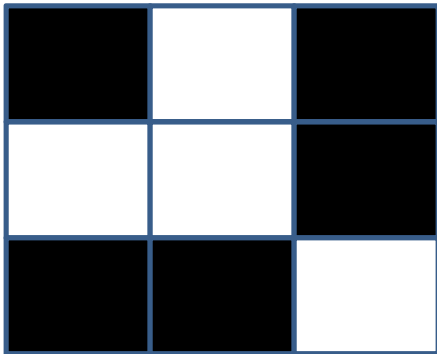
$$2.1. DS = (3.1, 2.2, 1.1) \cup (1.1, 2.2, 1.3)$$

$$DS^{-1} = (1.2, 2.1, 2.3, 3.2, 3.3)$$



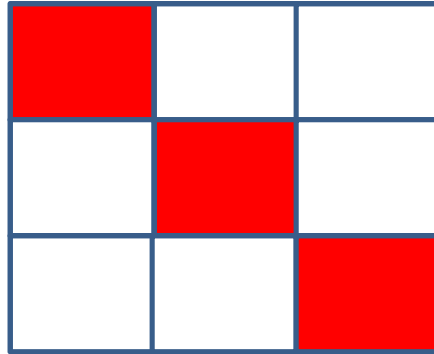
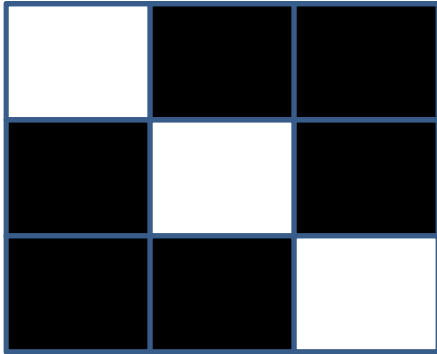
$$2.2. DS = (3.1, 2.3, 1.1) \cup (1.1, 3.2, 1.3)$$

$$DS^{-1} = (1.2, 2.1, 2.2, 3.3)$$



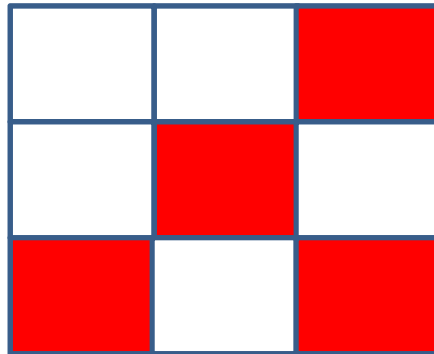
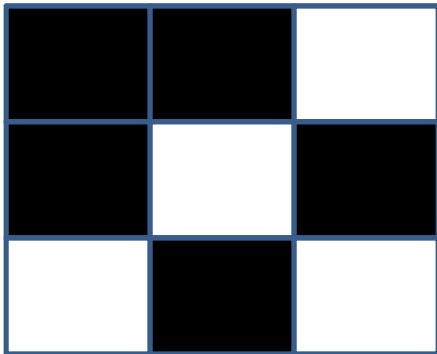
$$2.3. DS = (3.1, 2.3, 1.2) \cup (2.1, 3.2, 1.3)$$

$$DS^{-1} = (1.1, 2.2, 3.3) \text{ (Kategorienrelation!)}$$



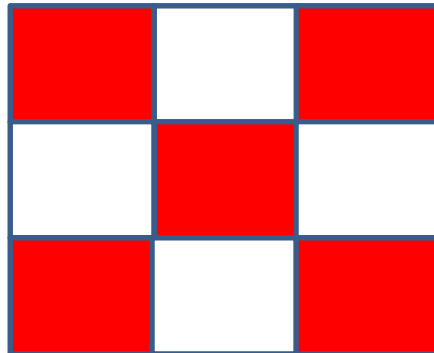
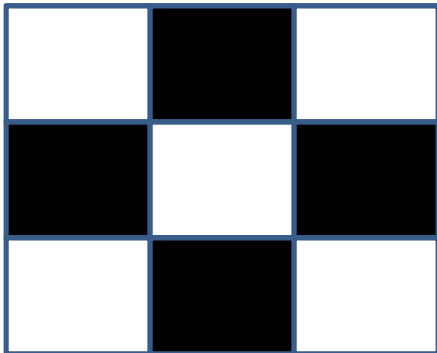
$$2.4. DS = (3.2, 2.1, 1.1) \cup (1.1, 1.2, 2.3)$$

$$DS^{-1} = (1.3, 2.2, 3.1, 3.3)$$



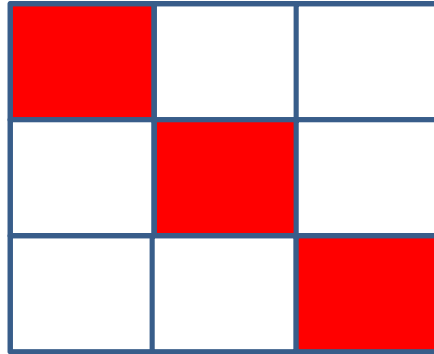
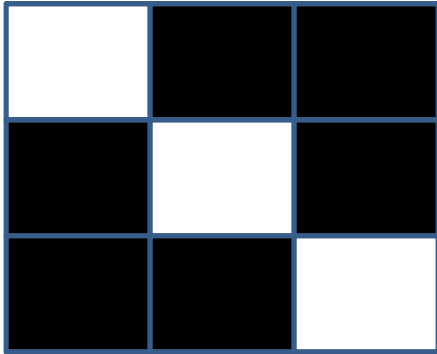
$$2.5. DS = (3.2, 2.1, 1.2) \cup (2.1, 1.2, 2.3)$$

$$DS^{-1} = (1.1, 1.3, 2.2, 3.1, 3.3)$$



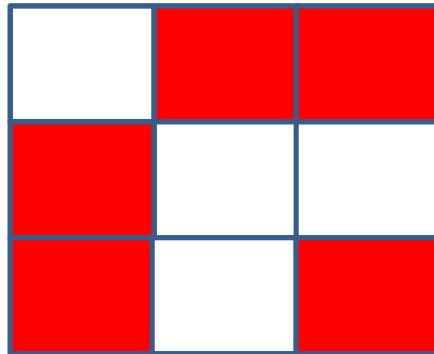
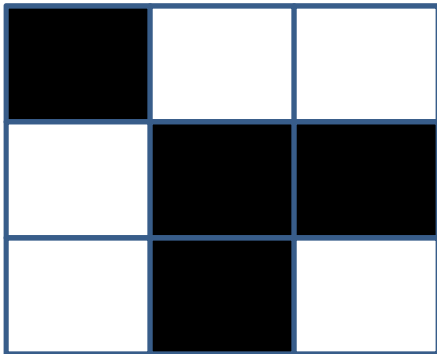
$$2.6. DS = (3.2, 2.1, 1.3) \cup (3.1, 1.2, 2.3)$$

$$DS^{-1} = (1.1, 2.2, 3.3) \text{ (Kategorienrelation!)}$$



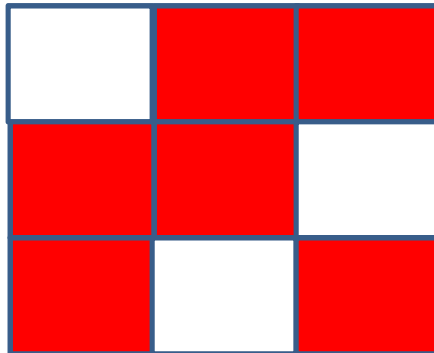
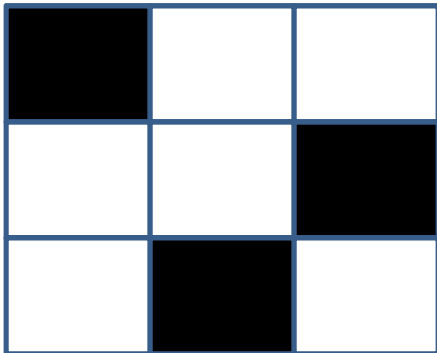
$$2.7. DS = (3.2, 2.2, 1.1) \cup (1.1, 2.2, 2.3)$$

$$DS^{-1} = (1.2, 1.3, 2.1, 3.1, 3.3)$$



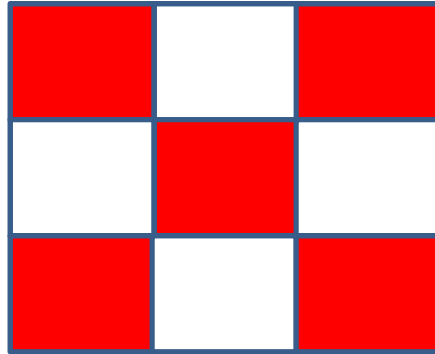
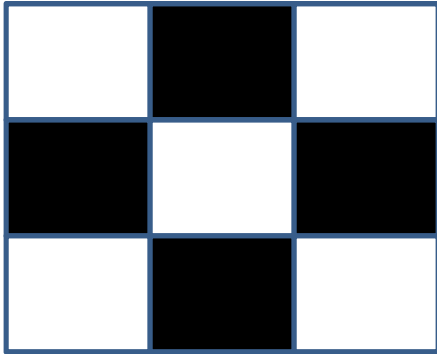
$$2.8. DS = (3.2, 2.3, 1.1) \cup (1.1, 3.2, 2.3)$$

$$DS^{-1} = (1.2, 1.3, 2.1, 2.2, 3.1, 3.3)$$



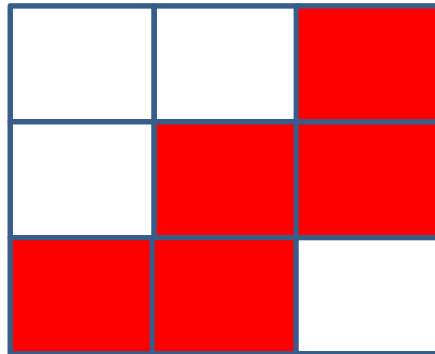
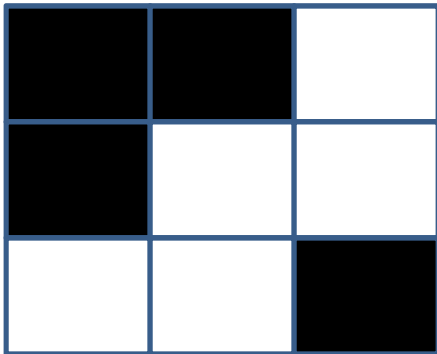
$$2.9. DS = (3.2, 2.3, 1.2) \cup (2.1, 3.2, 2.3)$$

$$DS^{-1} = (1.1, 1.3, 2.2, 3.1, 3.3)$$



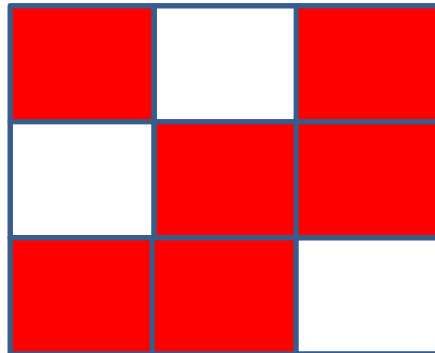
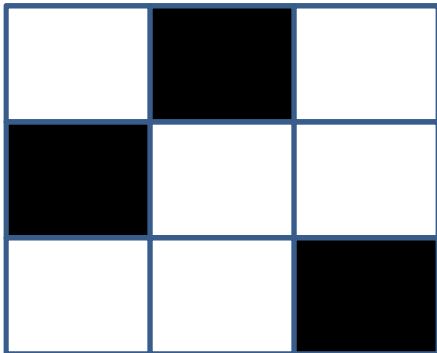
$$2.10. DS = (3.3, 2.1, 1.1) \cup (1.1, 1.2, 3.3)$$

$$DS^{-1} = (1.3, 2.2, 2.3, 3.1, 3.2)$$



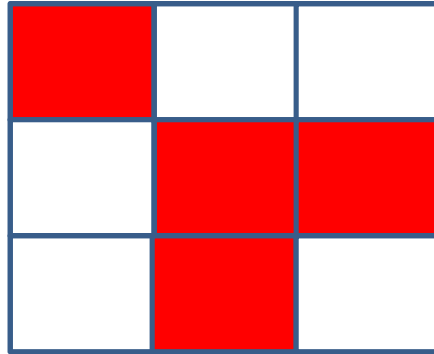
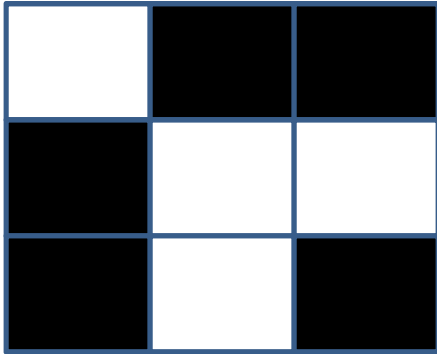
$$2.11. DS = (3.3, 2.1, 1.2) \cup (2.1, 1.2, 3.3)$$

$$DS^{-1} = (1.1, 1.3, 2.2, 2.3, 3.1, 3.2)$$



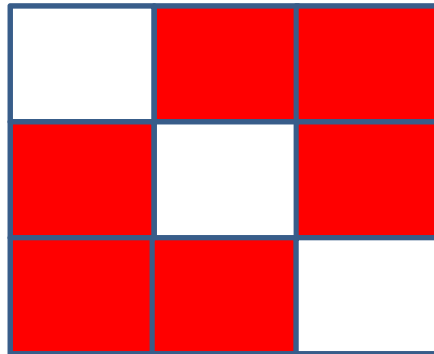
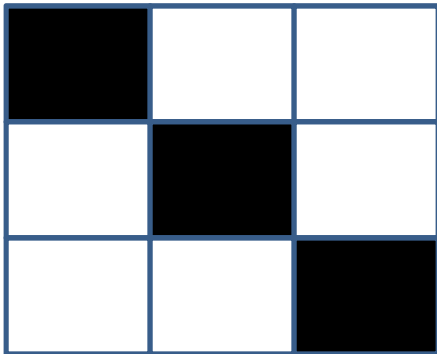
$$2.12. DS = (3.3, 2.1, 1.3) \cup (3.1, 1.2, 3.3)$$

$$DS^{-1} = (1.1, 2.2, 2.3, 3.2)$$



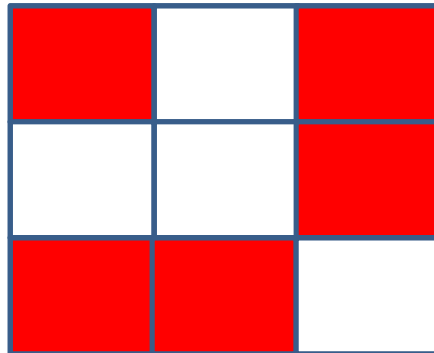
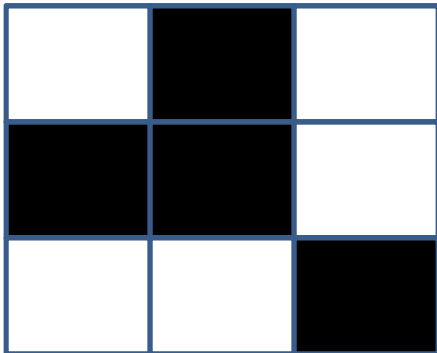
$$2.13. DS = (3.3, 2.2, 1.1) \cup (1.1, 2.2, 3.3)$$

$$DS^{-1} = (1.2, 1.3, 2.1, 2.3, 3.1, 3.2)$$



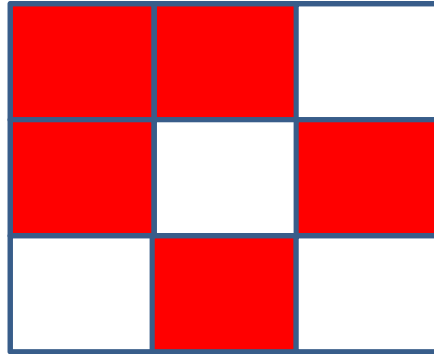
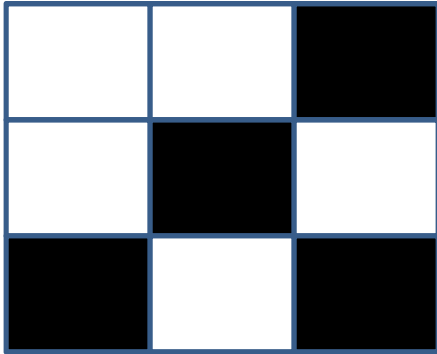
$$2.14. DS = (3.3, 2.2, 1.2) \cup (2.1, 2.2, 3.3)$$

$$DS^{-1} = (1.1, 1.3, 2.3, 3.1, 3.2)$$



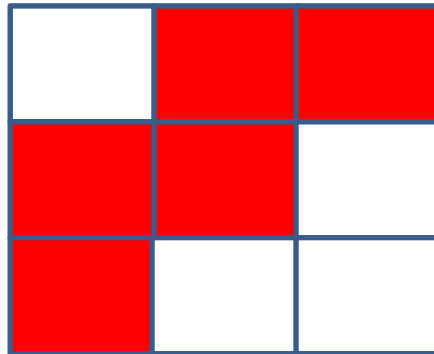
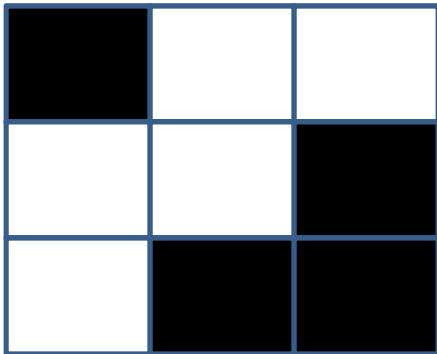
$$2.15. DS = (3.3, 2.2, 1.3) \cup (3.1, 2.2, 3.3)$$

$$DS^{-1} = (1.1, 1.2, 2.1, 2.3, 3.2)$$



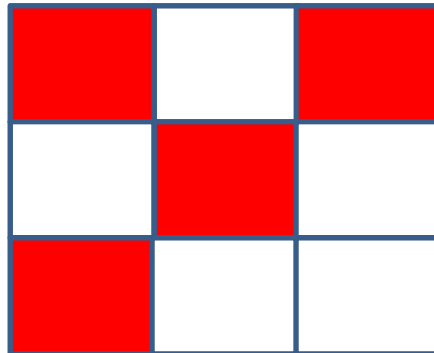
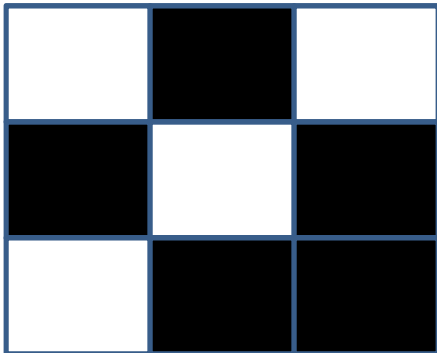
$$2.16. DS = (3.3, 2.3, 1.1) \cup (1.1, 3.2, 3.3)$$

$$DS^{-1} = (1.2, 1.3, 2.1, 2.2, 3.1)$$



$$2.17. DS = (3.3, 2.3, 1.2) \cup (2.1, 3.2, 3.3)$$

$$DS^{-1} = (1.1, 1.3, 2.2, 3.1)$$



Literatur

Toth, Alfred, Nachbarschaftsrelationen irregulärer semiotischer Dualsysteme.
In: Electronic Journal for Mathematical Semiotics, 2013

12.12.2013