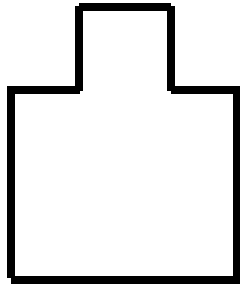


Draußen und Drinnen II

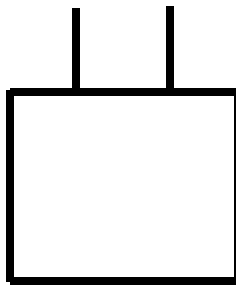
1. Vgl. Teil I mit Illustrationen (Toth 2014a), zur Einführung ontischer Matrizen vgl. Toth (2014b).

2. Systemadessive Strukturtypen

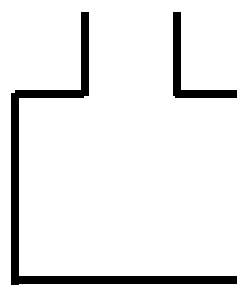
2.1.



2.2.



2.3.



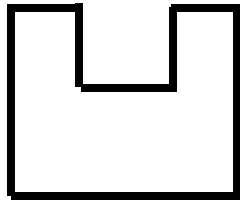
$$M_{2.1.} = \begin{pmatrix} \emptyset_{ii} & \Omega_{ij} & \Omega_{ik} & \Omega_{il} & \emptyset_{im} \\ \emptyset_{ji} & \emptyset_{jj} & \emptyset_{jk} & \emptyset_{jl} & \emptyset_{jm} \\ \emptyset_{ki} & \Omega_{kj} & \emptyset_{kk} & \emptyset_{kl} & \emptyset_{km} \\ \emptyset_{li} & \Omega_{lj} & \Omega_{lk} & \Omega_{ll} & \emptyset_{lm} \\ \emptyset_{mi} & \emptyset_{mj} & \emptyset_{mk} & \emptyset_{ml} & \emptyset_{mm} \end{pmatrix}$$

$$M_{2.2.} = \begin{pmatrix} \emptyset_{ii} & \emptyset_{ij} & \emptyset_{ik} & \emptyset_{il} & \emptyset_{im} \\ \emptyset_{ji} & \Omega_{jj} & \Omega_{jk} & \Omega_{jl} & \emptyset_{jm} \\ \emptyset_{ki} & \Omega_{kj} & \emptyset_{kk} & \emptyset_{kl} & \emptyset_{km} \\ \emptyset_{li} & \Omega_{lj} & \Omega_{lk} & \Omega_{ll} & \emptyset_{lm} \\ \emptyset_{mi} & \emptyset_{mj} & \emptyset_{mk} & \emptyset_{ml} & \emptyset_{mm} \end{pmatrix}$$

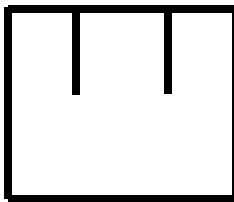
$$M_{2.3.} = \left(\begin{array}{ccccc} \emptyset_{ii} & \emptyset_{ij} & \emptyset_{ik} & \emptyset_{il} & \emptyset_{im} \\ \emptyset_{ji} & \emptyset_{jj} & \emptyset_{jk} & \emptyset_{jl} & \emptyset_{jm} \\ \emptyset_{ki} & \Omega_{kj} & \emptyset_{kk} & \emptyset_{kl} & \emptyset_{km} \\ \emptyset_{li} & \Omega_{lj} & \Omega_{lk} & \Omega_{ll} & \emptyset_{lm} \\ \emptyset_{mi} & \emptyset_{mj} & \emptyset_{mk} & \emptyset_{ml} & \emptyset_{mm} \end{array} \right)$$

3. Systemexcessive Strukturtypen

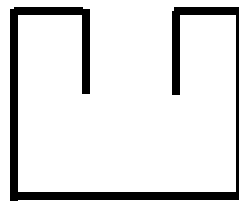
3.1.



3.2.



3.3.



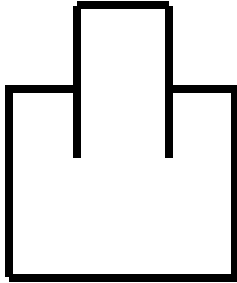
$$M_{3.1.} = \left(\begin{array}{ccccc} \emptyset_{ii} & \emptyset_{ij} & \emptyset_{ik} & \emptyset_{il} & \emptyset_{im} \\ \emptyset_{ji} & \emptyset_{jj} & \emptyset_{jk} & \emptyset_{jl} & \emptyset_{jm} \\ \emptyset_{ki} & \Omega_{kj} & \Omega_{kk} & \Omega_{kl} & \emptyset_{km} \\ \emptyset_{li} & \Omega_{lj} & \Omega_{lk} & \Omega_{ll} & \emptyset_{lm} \\ \emptyset_{mi} & \emptyset_{mj} & \emptyset_{mk} & \emptyset_{ml} & \emptyset_{mm} \end{array} \right)$$

$$M_{3.2.} = \left(\begin{array}{ccccc} \emptyset_{ii} & \Omega_{ij} & \Omega_{ik} & \Omega_{il} & \emptyset_{im} \\ \emptyset_{ji} & \emptyset_{jj} & \emptyset_{jk} & \emptyset_{jl} & \emptyset_{jm} \\ \emptyset_{ki} & \emptyset_{kj} & \emptyset_{kk} & \emptyset_{kl} & \emptyset_{km} \\ \emptyset_{li} & \Omega_{lj} & \Omega_{lk} & \Omega_{ll} & \emptyset_{lm} \\ \emptyset_{mi} & \emptyset_{mj} & \emptyset_{mk} & \emptyset_{ml} & \emptyset_{mm} \end{array} \right)$$

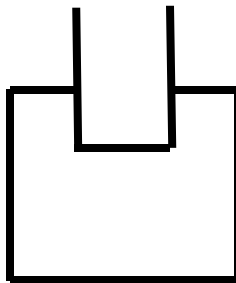
$$M_{3.3.} = \begin{pmatrix} \emptyset_{ii} & \emptyset_{ij} & \emptyset_{ik} & \emptyset_{il} & \emptyset_{im} \\ \emptyset_{ji} & \emptyset_{jj} & \emptyset_{jk} & \emptyset_{jl} & \emptyset_{jm} \\ \emptyset_{ki} & \emptyset_{kj} & \emptyset_{kk} & \emptyset_{kl} & \emptyset_{km} \\ \emptyset_{li} & \Omega_{lj} & \Omega_{lk} & \Omega_{ll} & \emptyset_{lm} \\ \emptyset_{mi} & \emptyset_{mj} & \emptyset_{mk} & \emptyset_{ml} & \emptyset_{mm} \end{pmatrix}$$

4. Kombinierte Strukturtypen

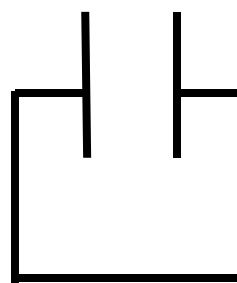
4.1.



4.2.



4.3.



$$M_{4.1.} = \begin{pmatrix} \emptyset_{ii} & \Omega_{ij} & \Omega_{ik} & \Omega_{il} & \emptyset_{im} \\ \emptyset_{ji} & \Omega_{jj} & \emptyset_{jk} & \Omega_{jl} & \emptyset_{jm} \\ \emptyset_{ki} & \emptyset_{kj} & \emptyset_{kk} & \emptyset_{kl} & \emptyset_{km} \\ \emptyset_{li} & \Omega_{lj} & \Omega_{lk} & \Omega_{ll} & \emptyset_{lm} \\ \emptyset_{mi} & \emptyset_{mj} & \emptyset_{mk} & \emptyset_{ml} & \emptyset_{mm} \end{pmatrix}$$

$$M_{4.2.} = \begin{pmatrix} \emptyset_{ii} & \emptyset_{ij} & \emptyset_{ik} & \emptyset_{il} & \emptyset_{im} \\ \emptyset_{ji} & \Omega_{jj} & \emptyset_{jk} & \Omega_{jl} & \emptyset_{jm} \\ \emptyset_{ki} & \Omega_{kj} & \Omega_{kk} & \Omega_{kl} & \emptyset_{km} \\ \emptyset_{li} & \Omega_{lj} & \Omega_{lk} & \Omega_{ll} & \emptyset_{lm} \\ \emptyset_{mi} & \emptyset_{mj} & \emptyset_{mk} & \emptyset_{ml} & \emptyset_{mm} \end{pmatrix}$$

$$M_{4.3.} = \left(\begin{array}{ccccc} \emptyset_{ii} & \emptyset_{ij} & \emptyset_{ik} & \emptyset_{il} & \emptyset_{im} \\ \emptyset_{ji} & \Omega_{jj} & \emptyset_{jk} & \Omega_{jl} & \emptyset_{jm} \\ \emptyset_{ki} & \emptyset_{kj} & \emptyset_{kk} & \emptyset_{kl} & \emptyset_{km} \\ \emptyset_{li} & \Omega_{lj} & \Omega_{lk} & \Omega_{ll} & \emptyset_{lm} \\ \emptyset_{mi} & \emptyset_{mj} & \emptyset_{mk} & \emptyset_{ml} & \emptyset_{mm} \end{array} \right)$$

Literatur

Toth, Alfred, Draußen und Drinnen (I). In: Electronic Journal for Mathematical Semiotics, 2014a

Toth, Alfred, Quadratische und nicht-quadratische ontische Matrizen. In: Electronic Journal for Mathematical Semiotics, 2014b

25.9.2014