

Prof. Dr. Alfred Toth

Interrelationen in trajektischen Dyaden

1. Trajektische Zahlen werden definiert durch (vgl. Toth 2025a)

$T = (x \mid .y)$ mit $x, y \in \mathbb{N}$.

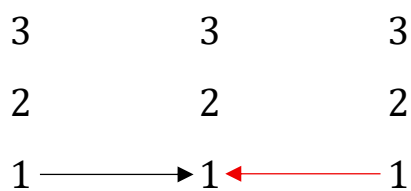
2. Interrelationen

Folglich haben trajektische Dyaden die Form

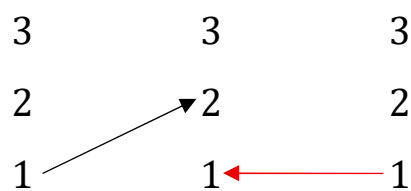
$T^{dy} = ((x \mid .y) \mid (x \mid .y))$,

d.h. es gibt 4 Plätze, auf die Zahlenwerte abgebildet werden können. Im Falle der ternären Semiotik müssen also 3 Werte auf 4 Plätze abgebildet werden, was zu einem System von 81 trajektischen Dyaden führt (vgl. Toth 2025b).

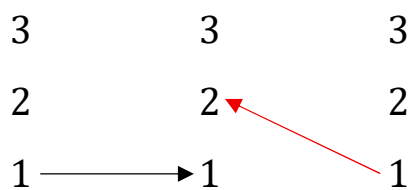
(1.1 | 1.1)



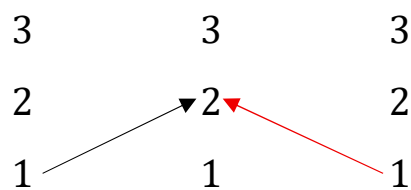
(1.2 | 1.1)



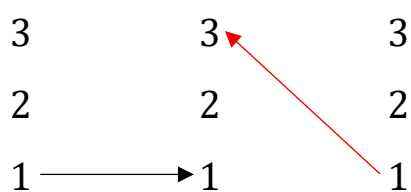
(1.1 | 1.2)



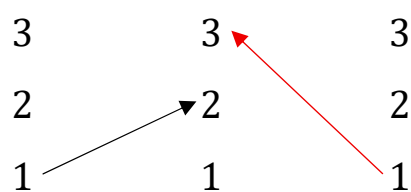
(1.2 | 1.2)



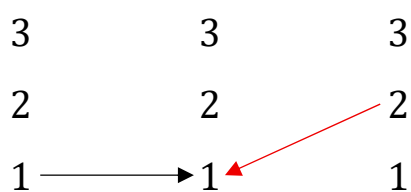
(1.1 | 1.3)



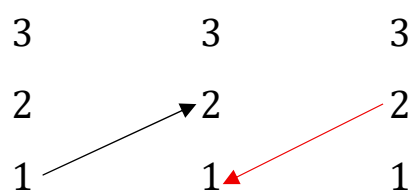
(1.2 | 1.3)



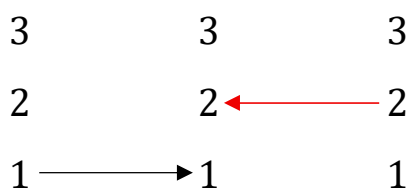
(1.1 | 2.1)



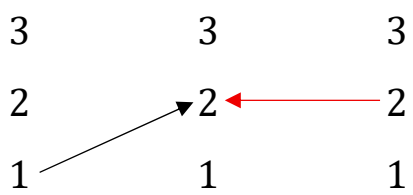
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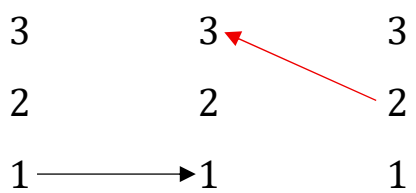
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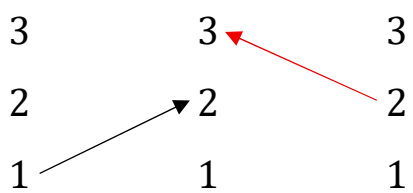
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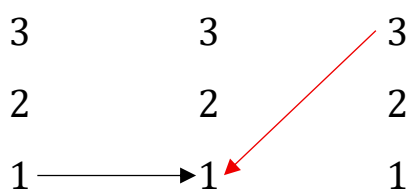
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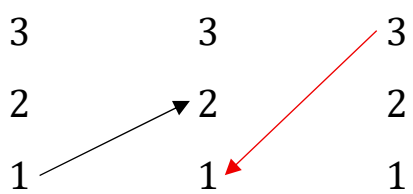
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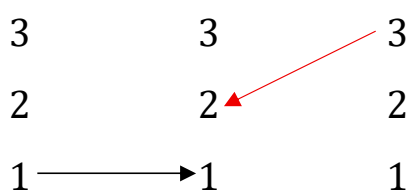
(1.1 | 3.1)



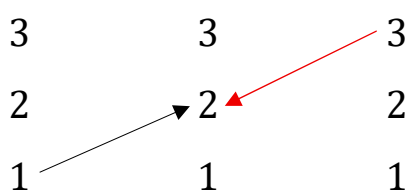
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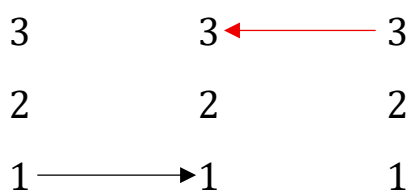
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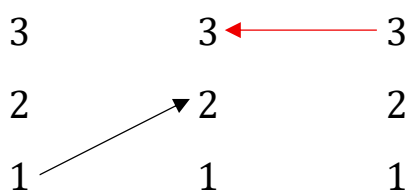
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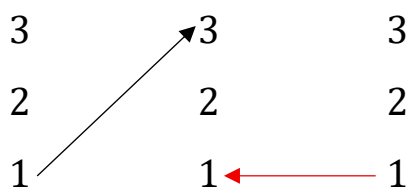
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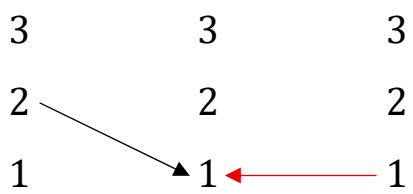
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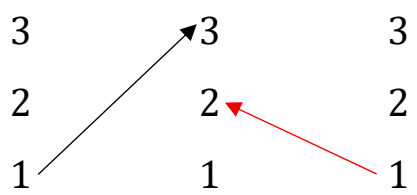
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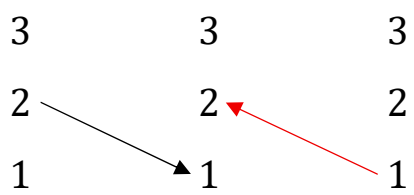
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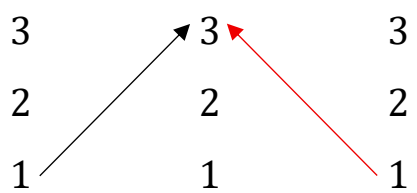
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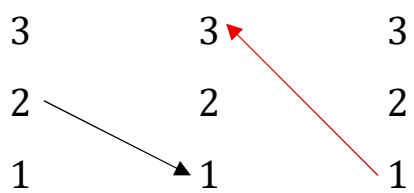
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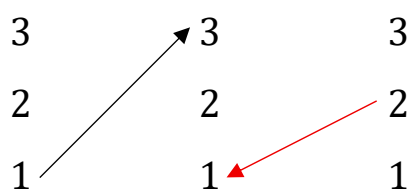
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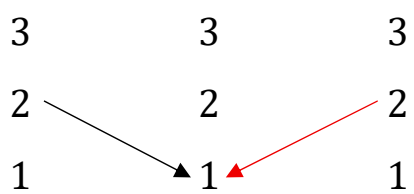
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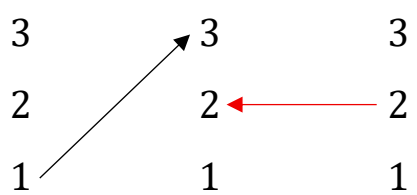
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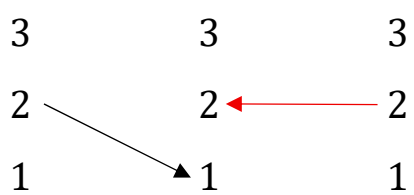
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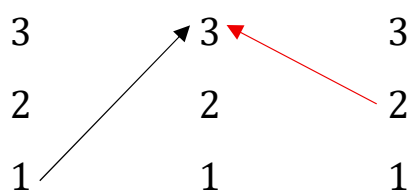
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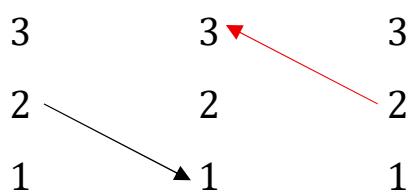
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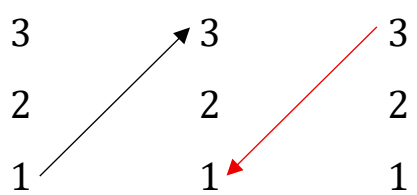
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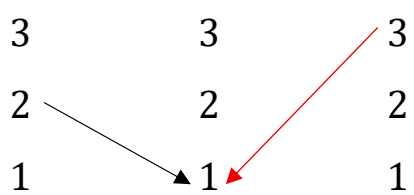
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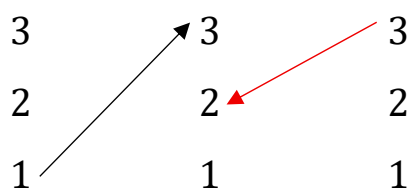
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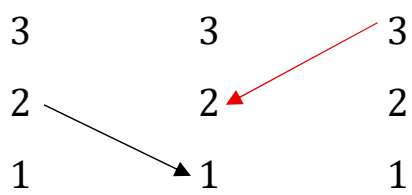
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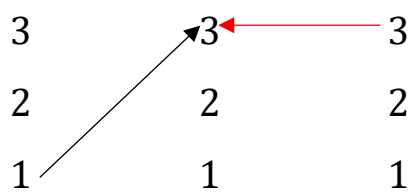
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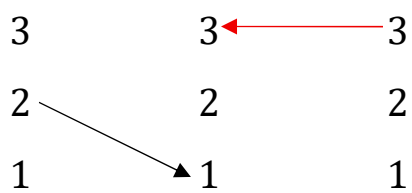
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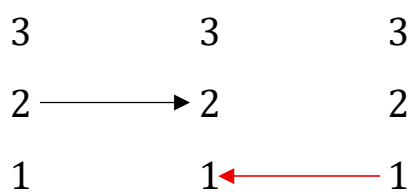
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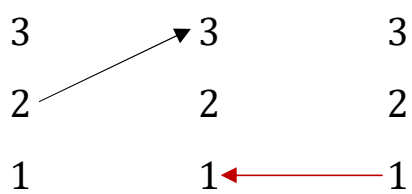
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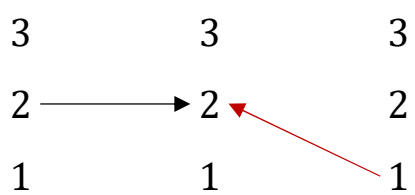
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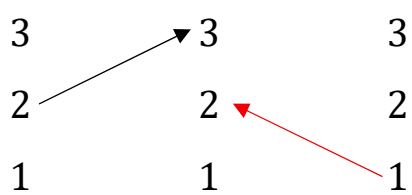
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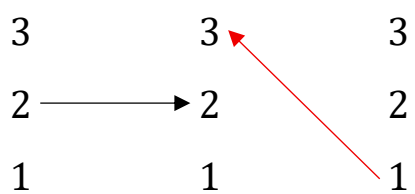
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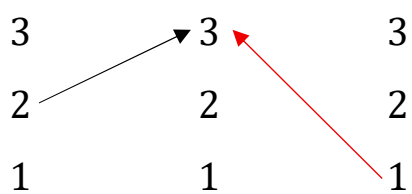
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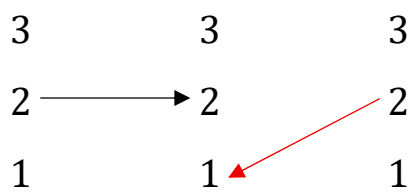
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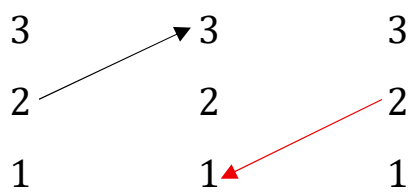
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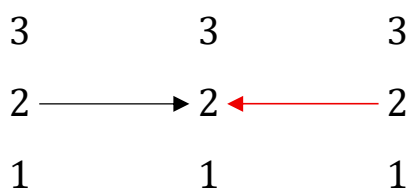
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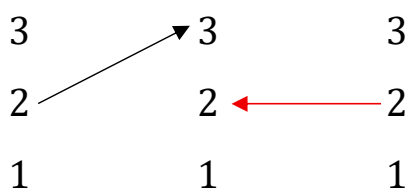
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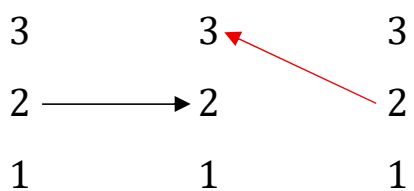
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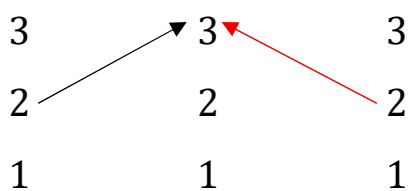
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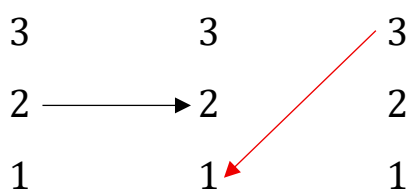
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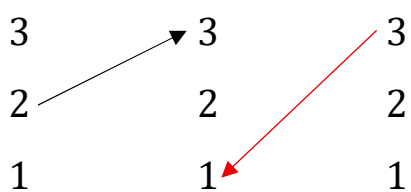
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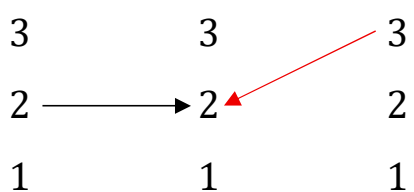
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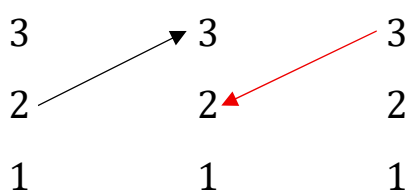
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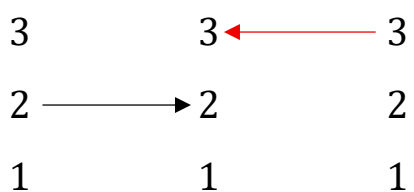
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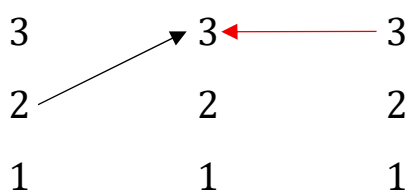
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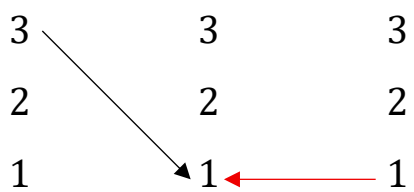
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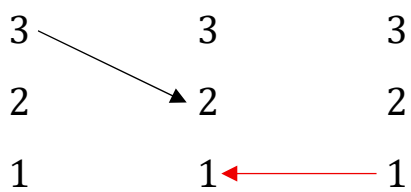
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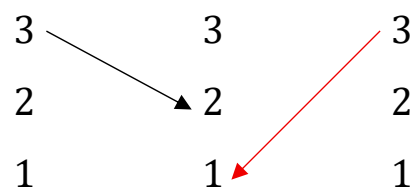
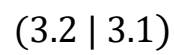
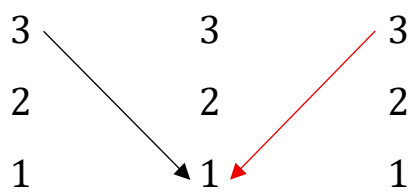
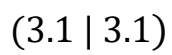
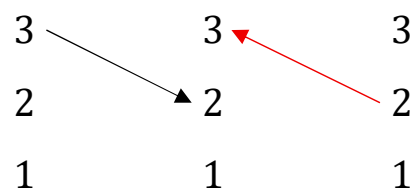
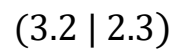
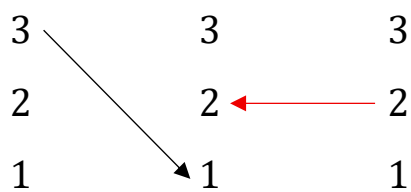
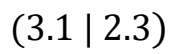
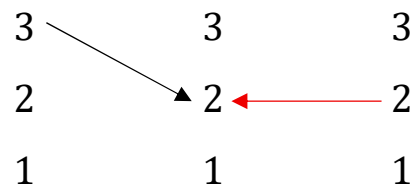
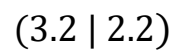
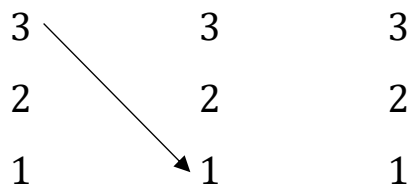
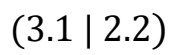
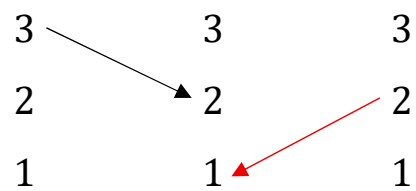
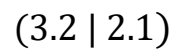
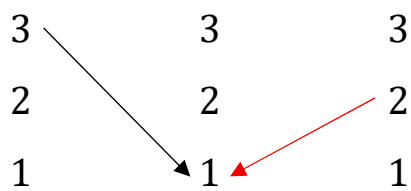
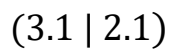
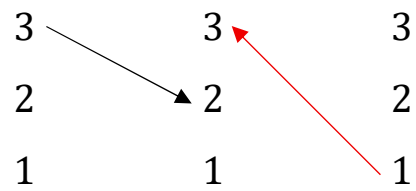
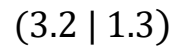
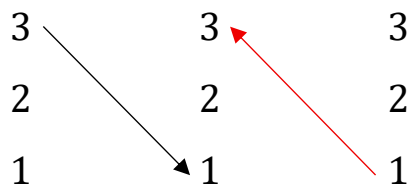
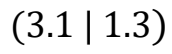
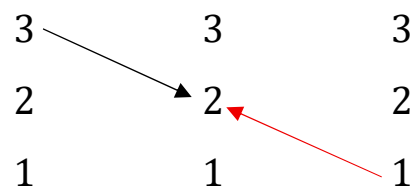
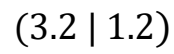
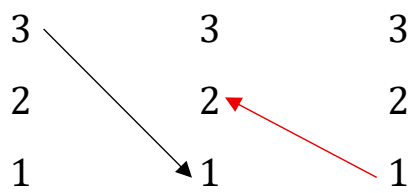
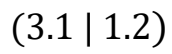


(3.1 | 1.1)

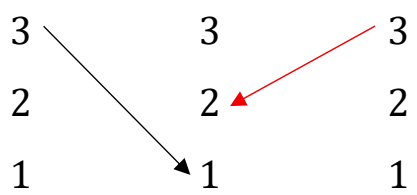


(3.2 | 1.1)

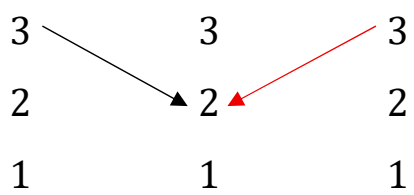




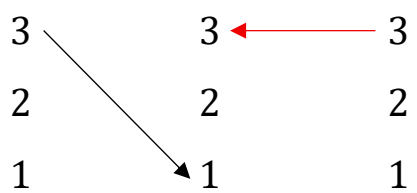
(3.1 | 3.2)



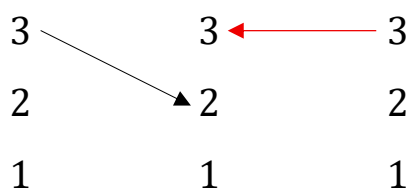
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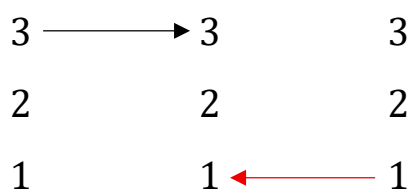
(3.1 | 3.3)



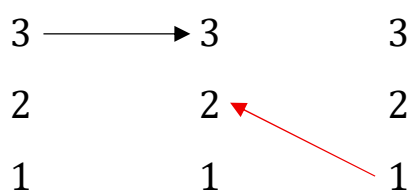
(3.2 | 3.3)



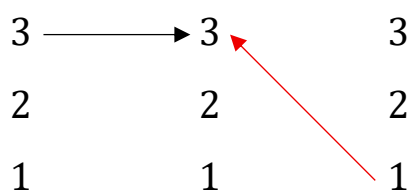
(3.3 | 1.1)



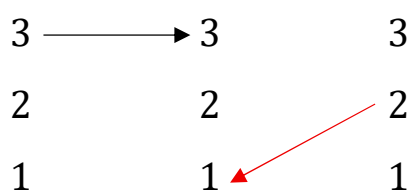
(3.3 | 1.2)



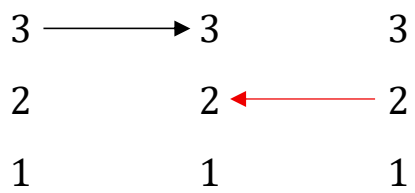
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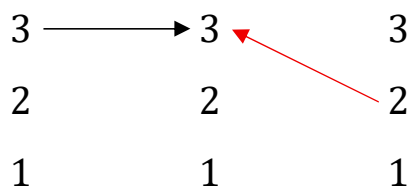
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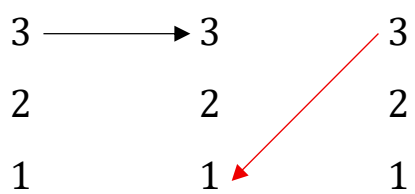
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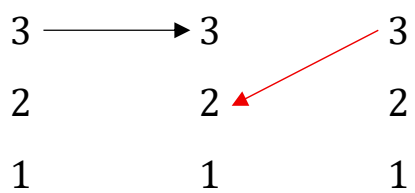
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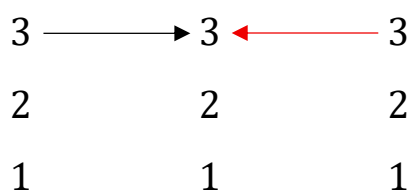
(3.3 | 3.1)



(3.3 | 3.2)



(3.3 | 3.3)



Literatur

Toth, Alfred, Einführung der trajektischen Matrix. In: Electronic Journal for Mathematical Semiotics, 2025a

Toth, Alfred, Die Verteilung von 3 semiotischen Kategorien auf 4 Plätze. In: Electronic Journal for Mathematical Semiotics, 2025b

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