

Prof. Dr. Alfred Toth

## Disseminationen der eigenrealen und kategorienrealen Relationen

1. In Toth (2026) hatten wir die Bildungsprinzipien und kategorialen Ordnungen von ER und KR verallgemeinert

ER:  $(z, y, x)$

1. Iteriere die mittlere Relation:  $y.y$

2. Bilde  $z$  auf  $x$  oder  $x$  auf  $z$  ab:  $z.x, x.z$

3.  $(z, x, y \leftarrow x \rightarrow y, x, z) \times (z, x, y \leftarrow x \rightarrow y, x, z)$

KR:  $(x, y, z)$

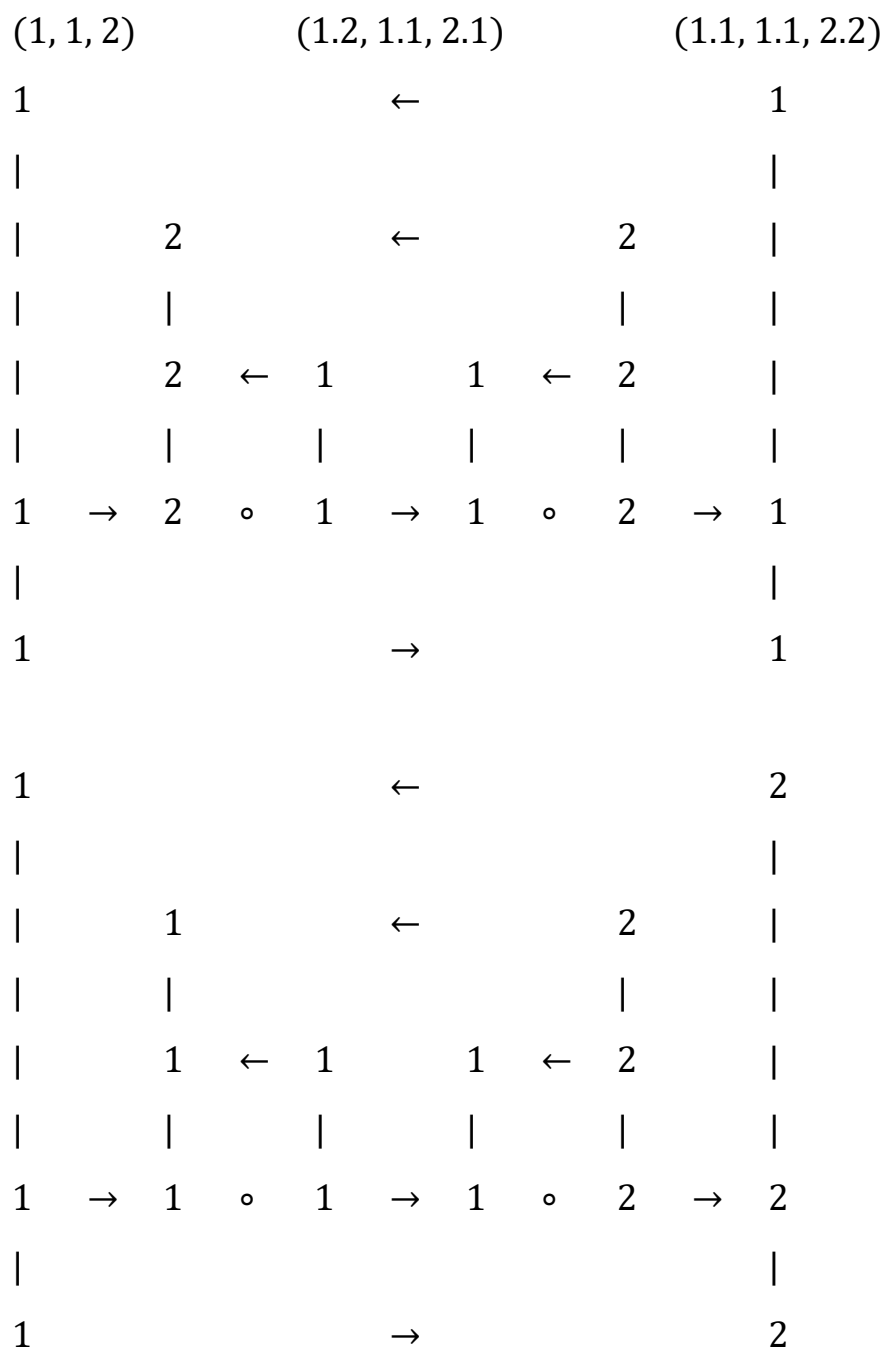
1. Iteriere alle drei Relationen:  $x.x, y.y, z.z$

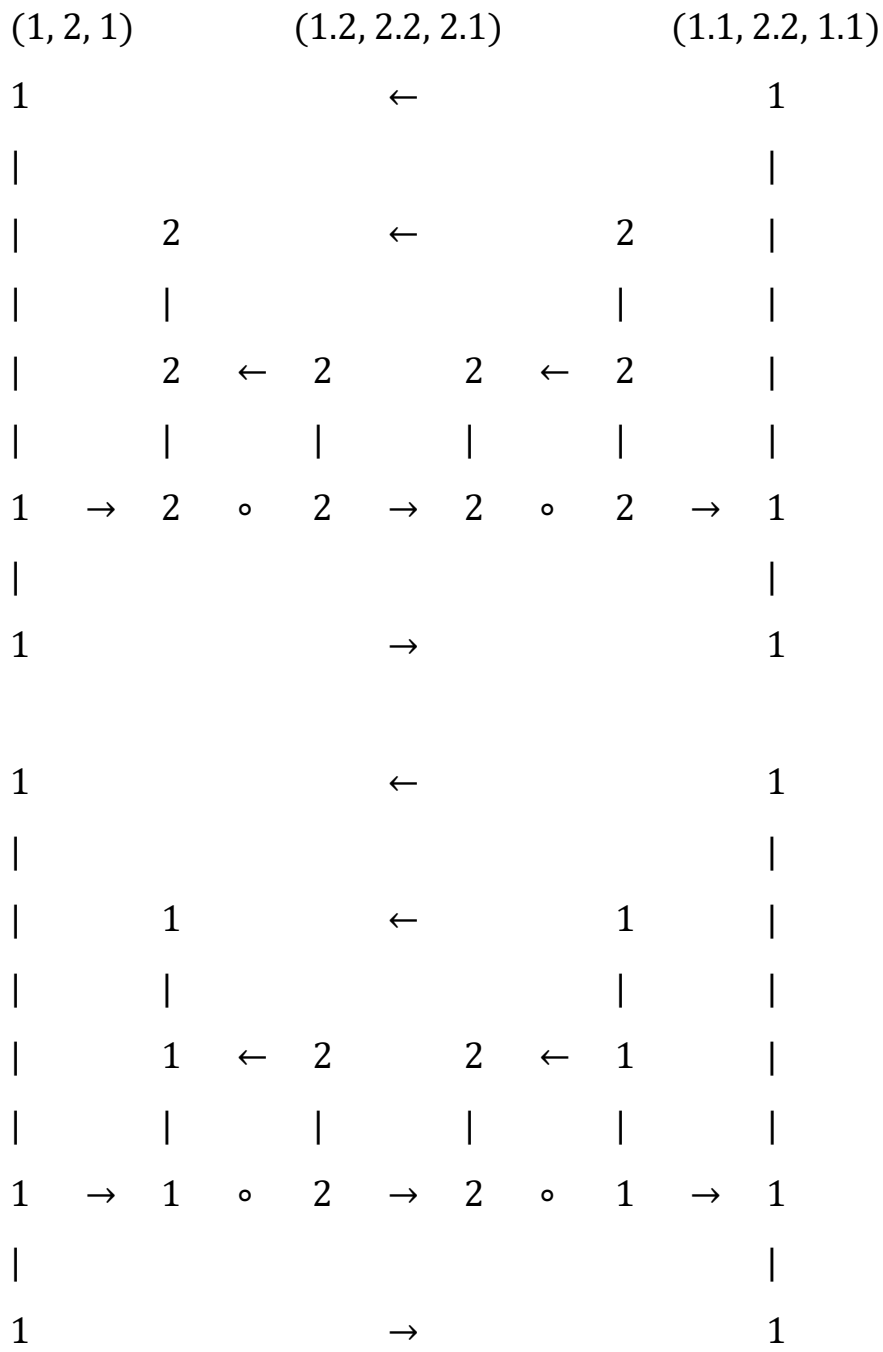
2.  $(z, x, y) \times (y, x, z)$

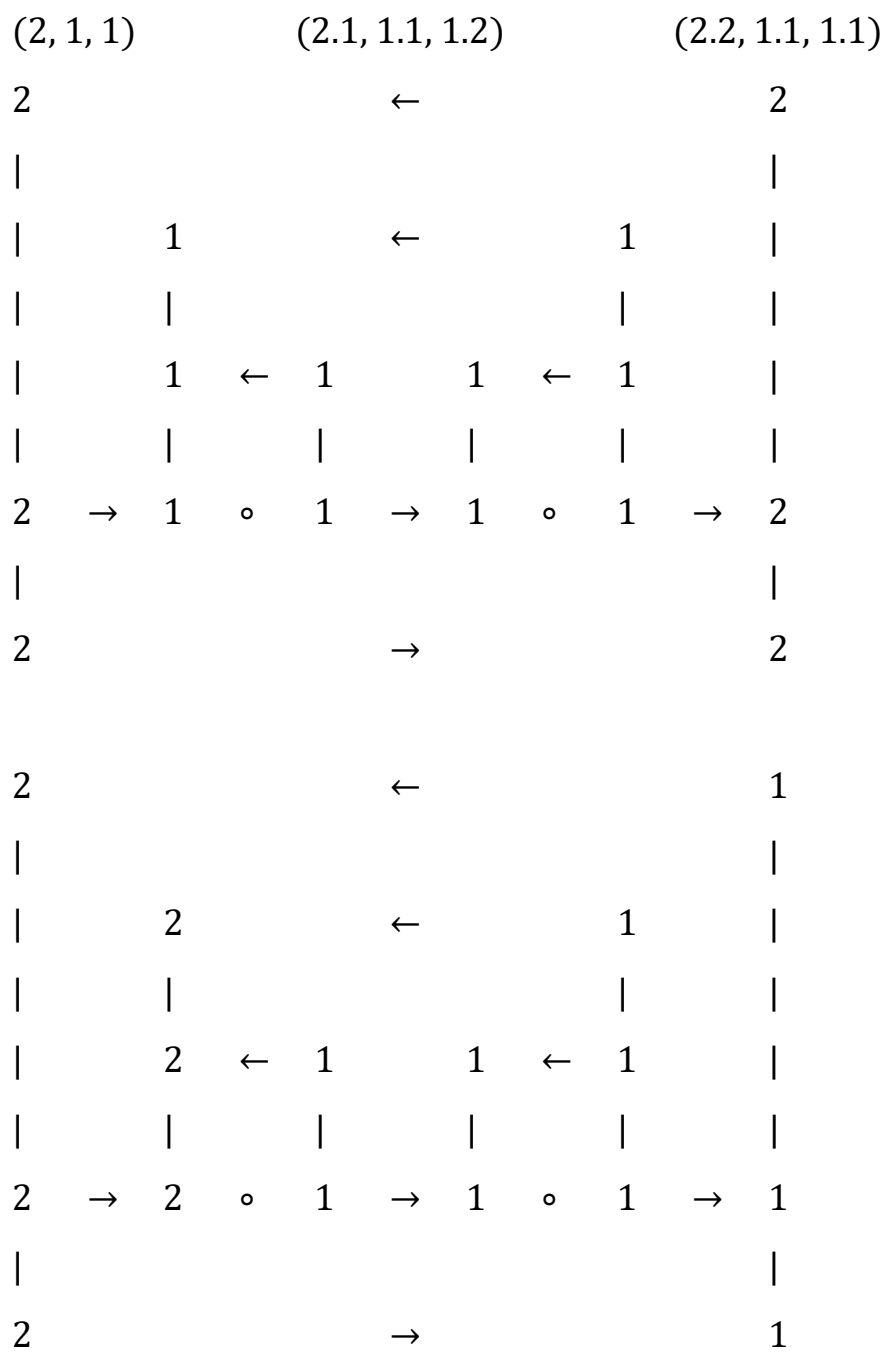
und unter Aufhebung der Prinzipien der degenerativen Ordnung, der paarweisen kategorialen Differenz und des daraus resultierenden Verbotes mehrfacher gleicher semiotischer Hauptwerte die maximale Anzahl von  $3^3 = 27$  ER- und KR-Relationen, d.h. im Sinne von Bense (1992, S. 40) eigenrealen Zeichenklassen, konstruiert.

2. Im folgenden zeigen wir mit Hilfe algebraischer Diamonds (vgl. Kaehr 2007) die Disseminationen der eigen- und kategorienrealen Relationen.

Permutation	ER: $(z, y, x)$	KR: $(x, y, z)$
$(1, 1, 1)$	$(1.1, 1.1, 1.1)$	$(1.1, 1.1, 1.1)$
1	$\leftarrow$	1
1	$\leftarrow$	1
1 $\leftarrow$ 1	$\leftarrow$	1 $\leftarrow$ 1
1 $\rightarrow$ 1 $\circ$ 1 $\rightarrow$ 1 $\circ$ 1 $\rightarrow$ 1		
1	$\rightarrow$	1

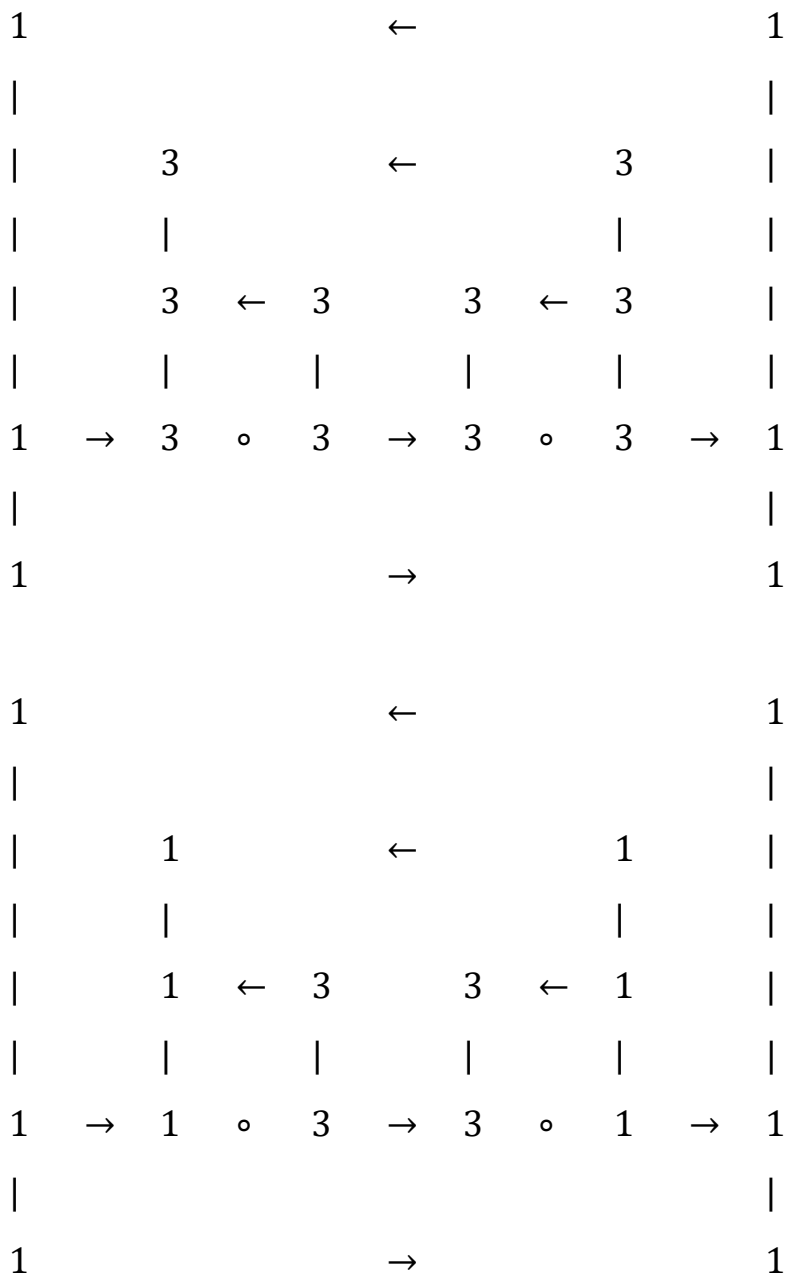


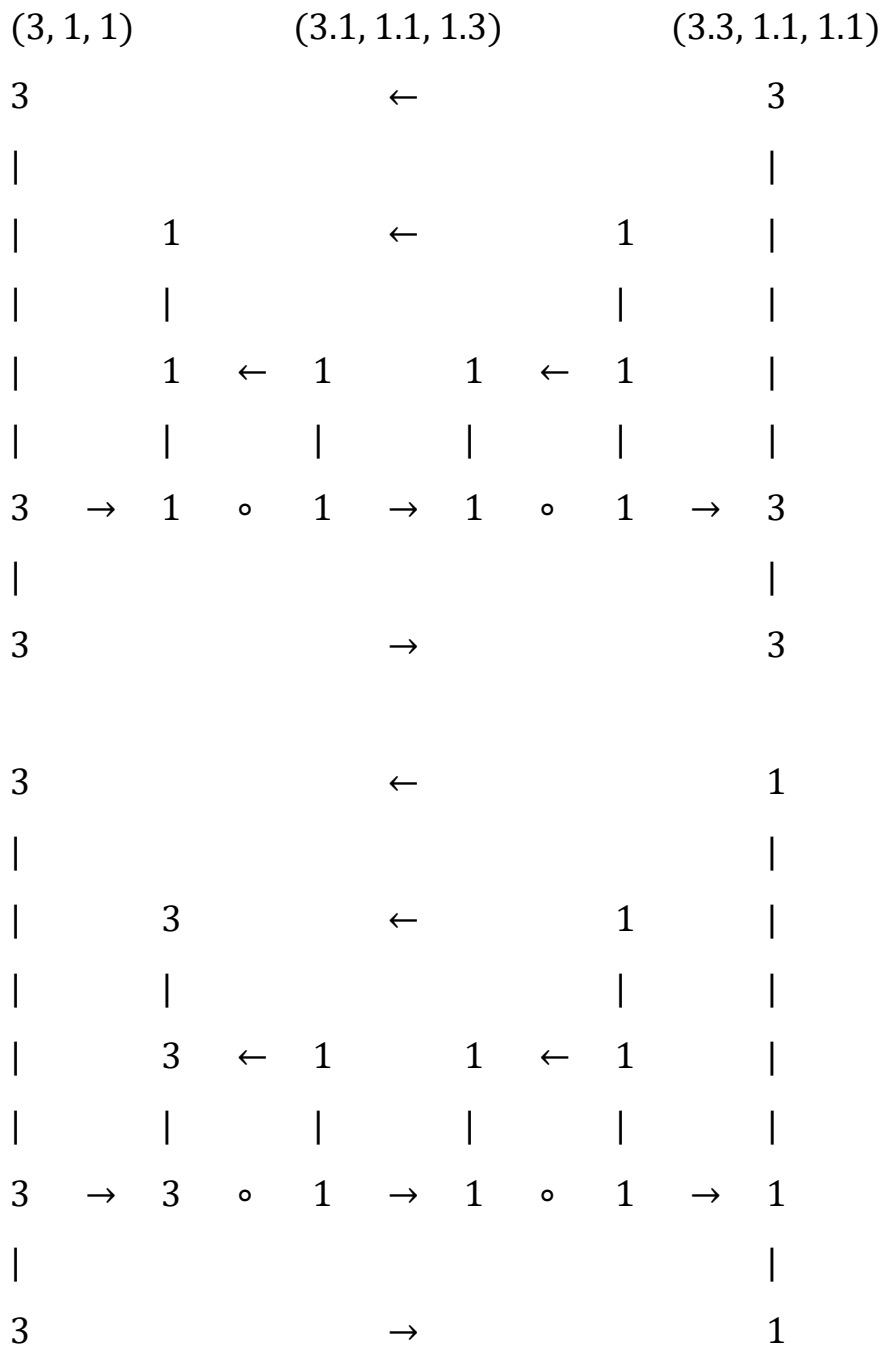


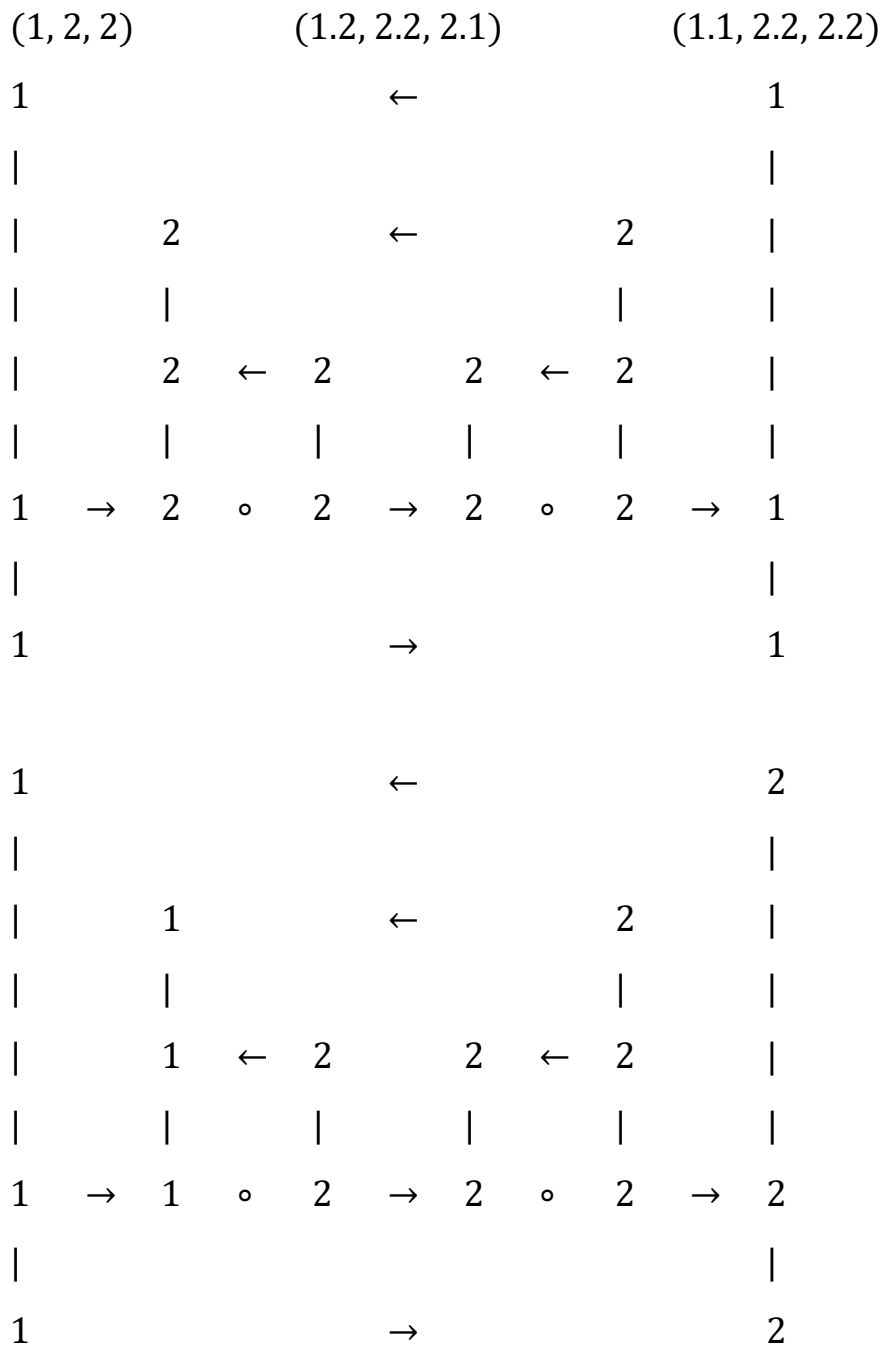


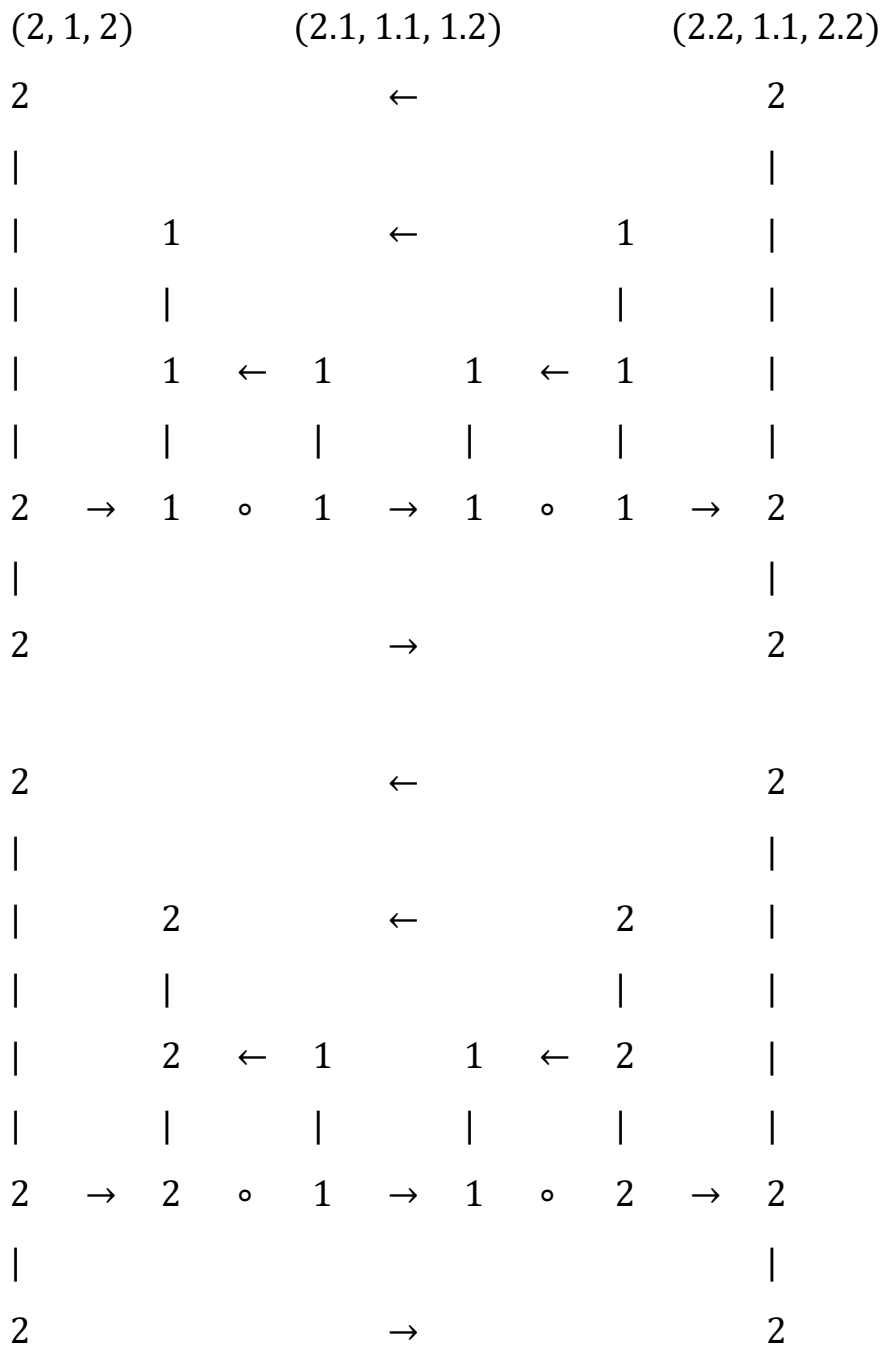


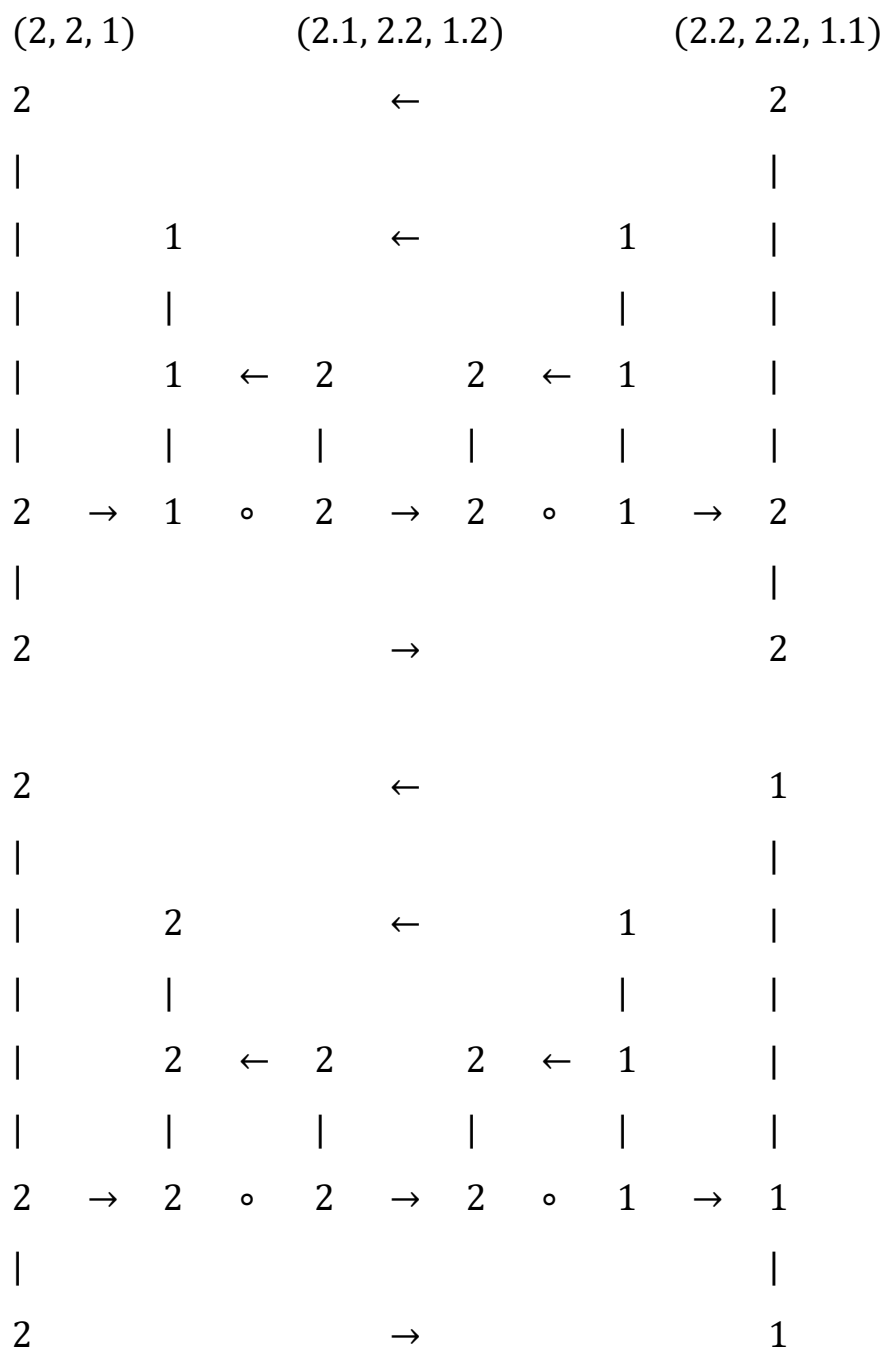
(1, 3, 1)                      (1.3, 3.3, 3.1)                      (1.1, 3.3, 1.1)

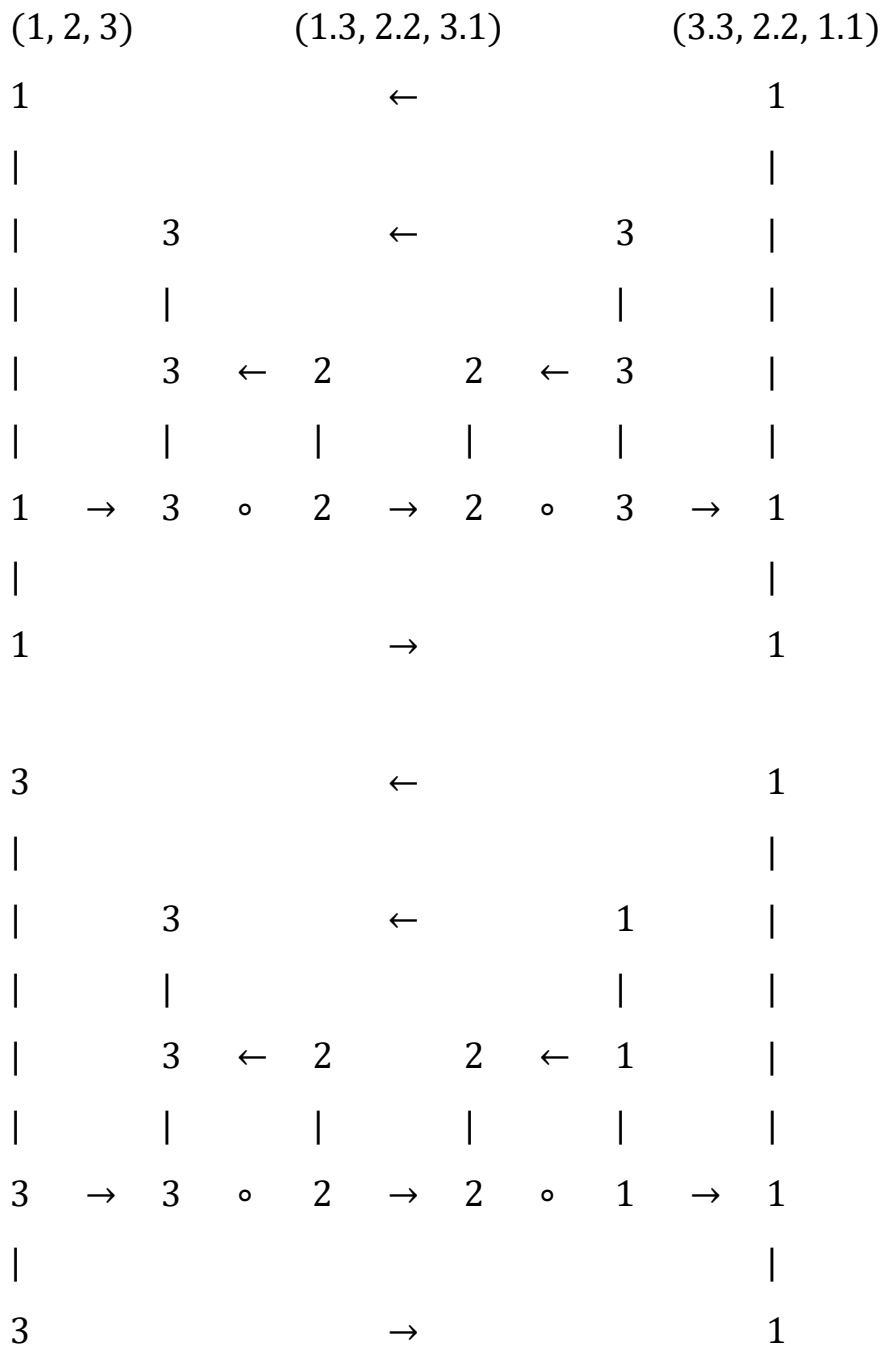


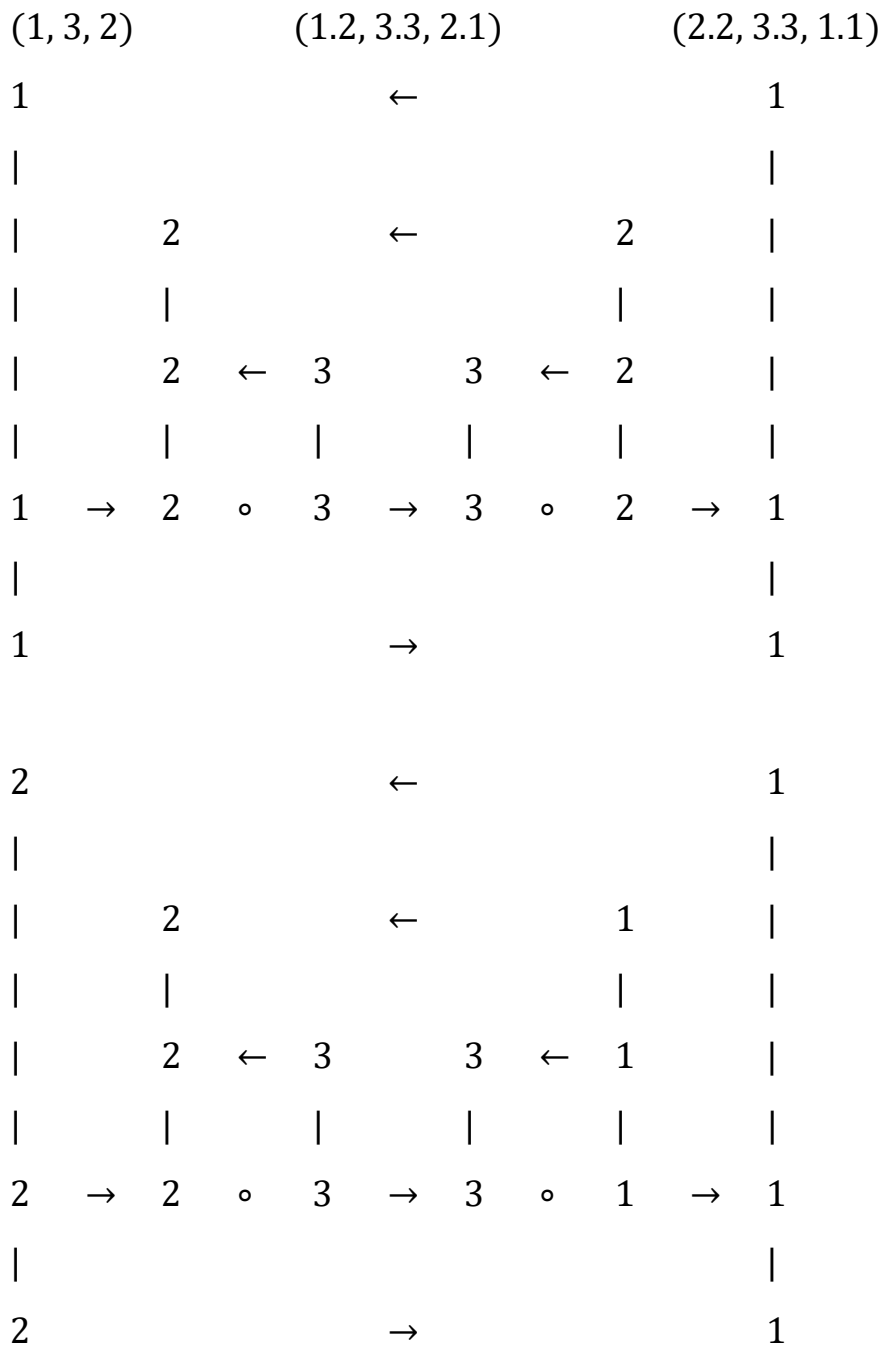


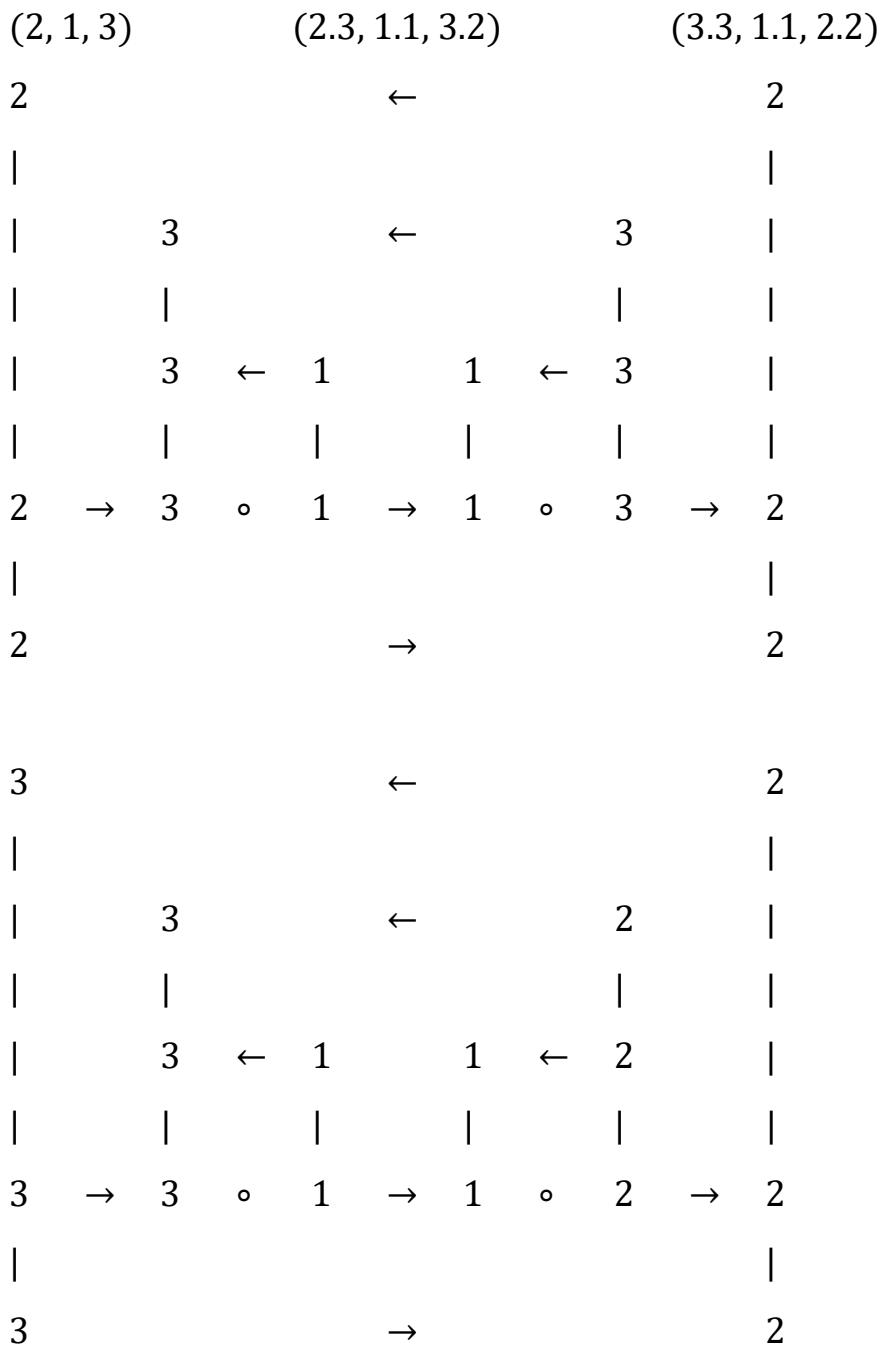


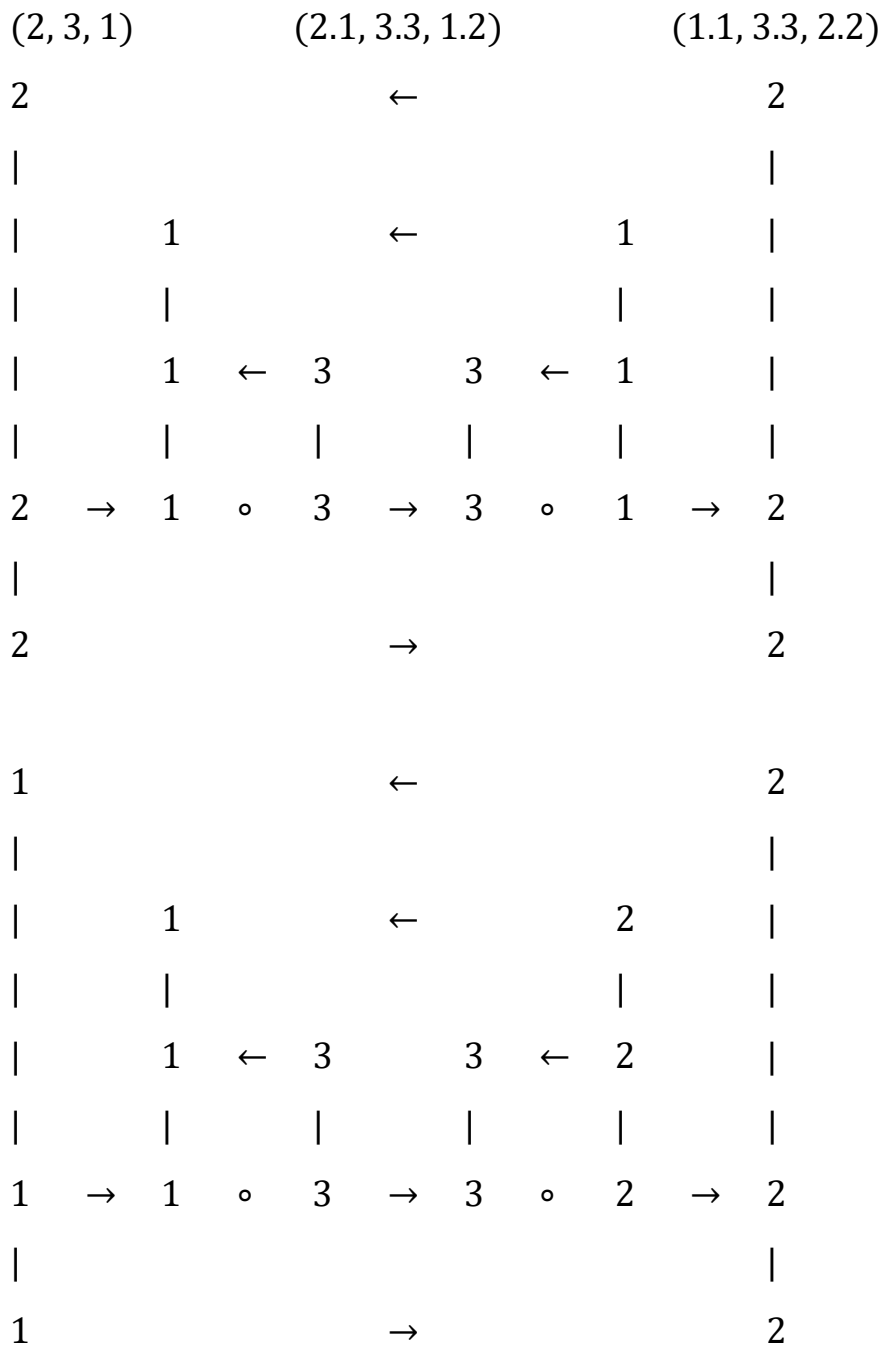


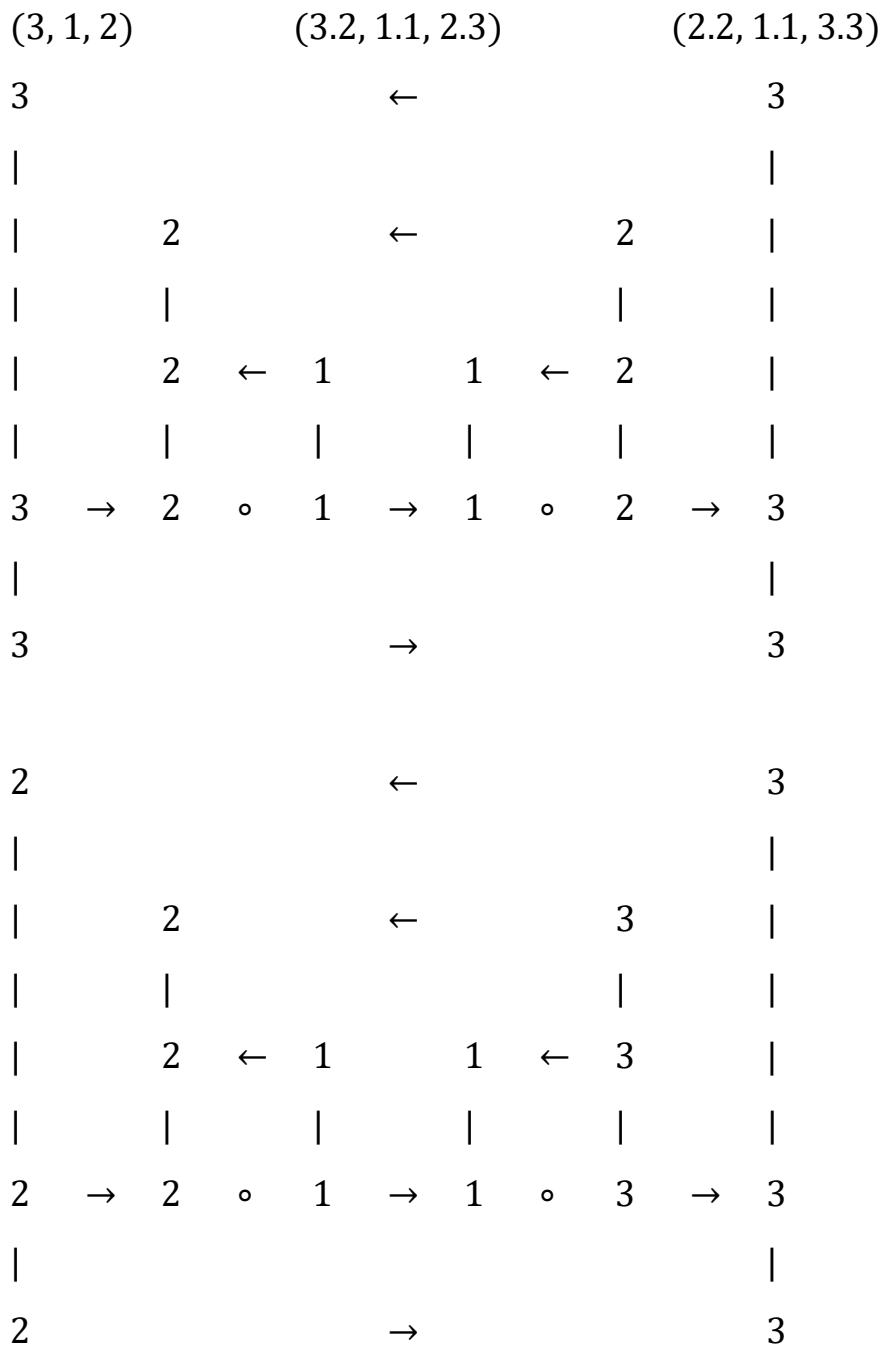


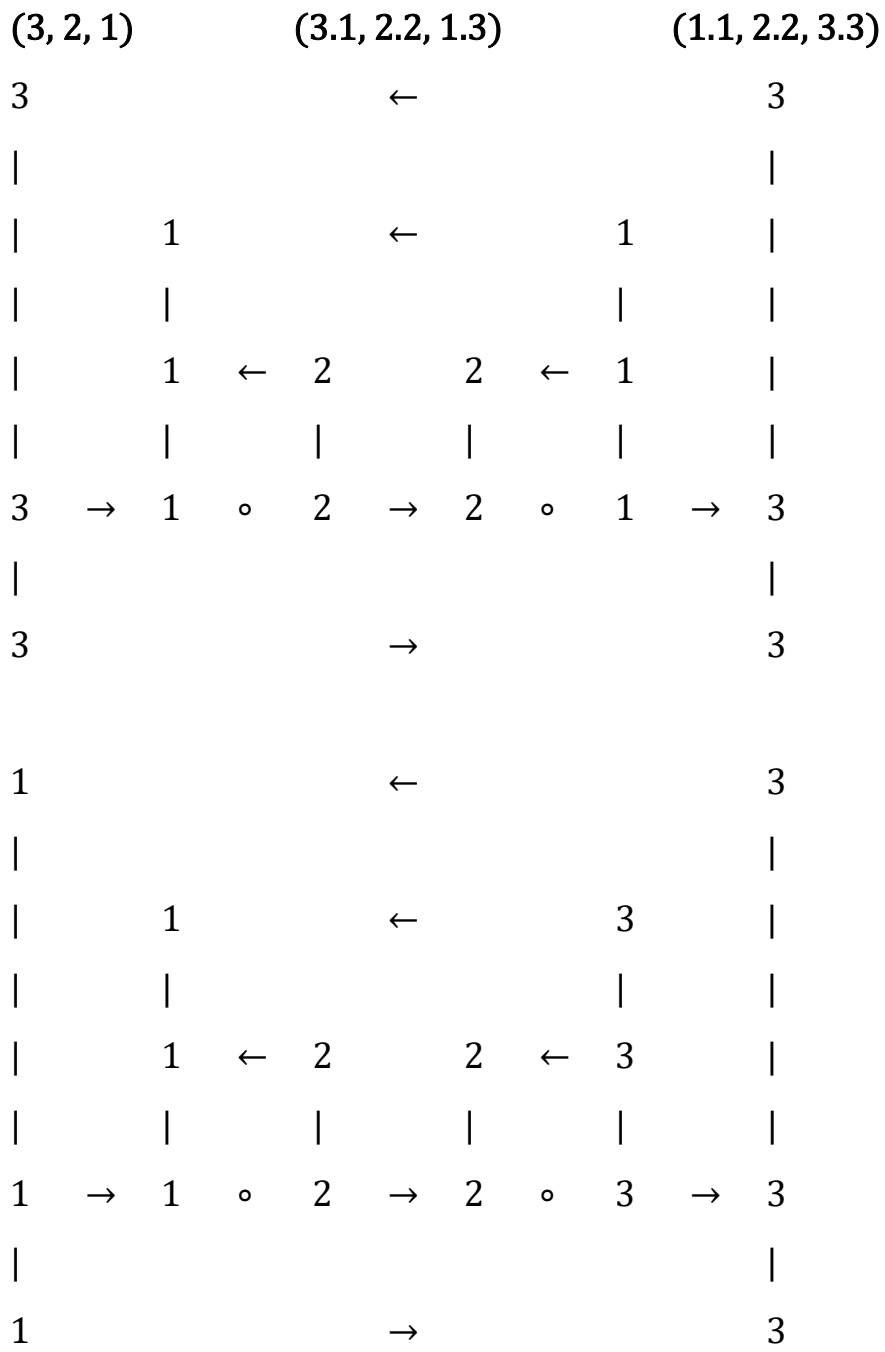


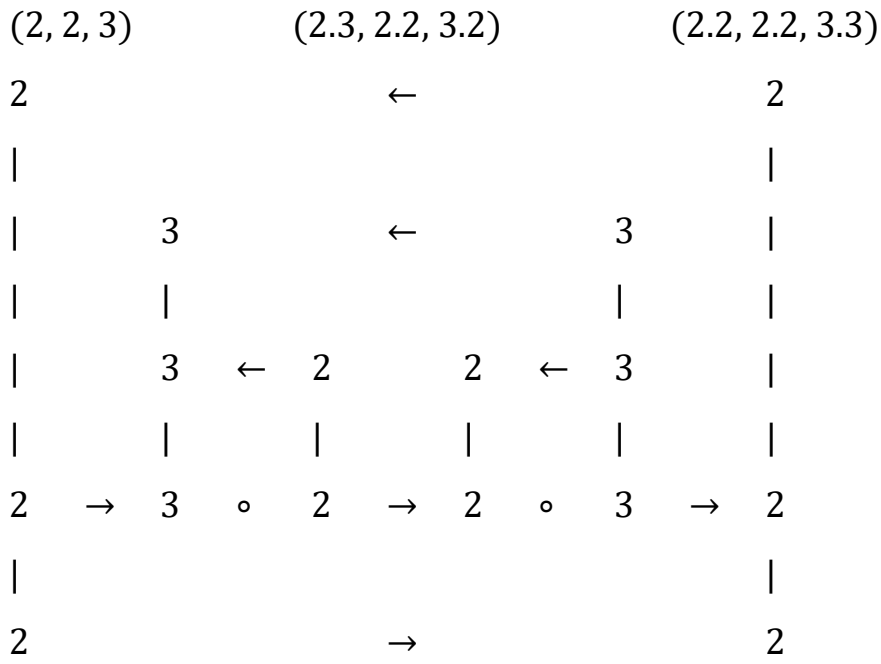
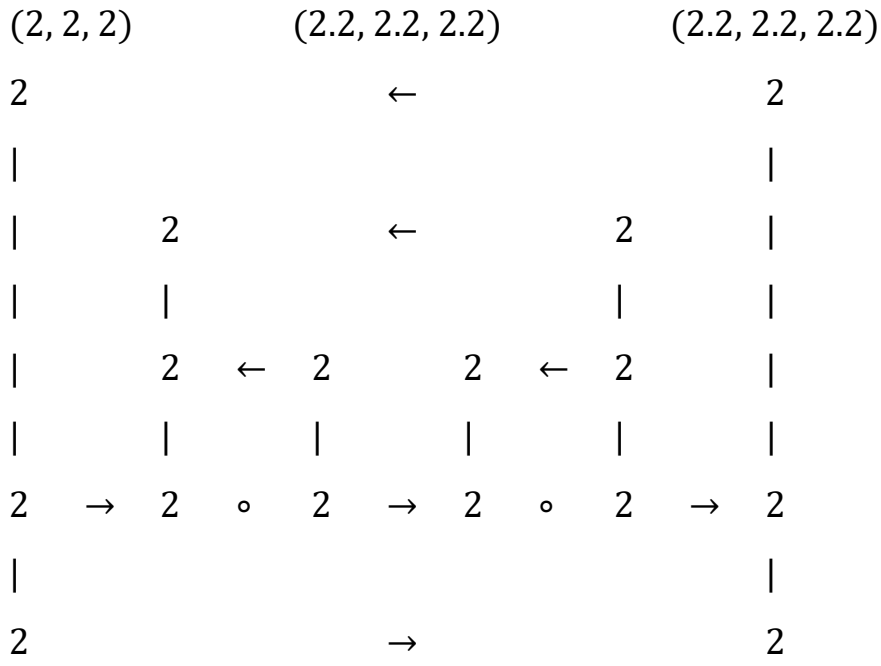


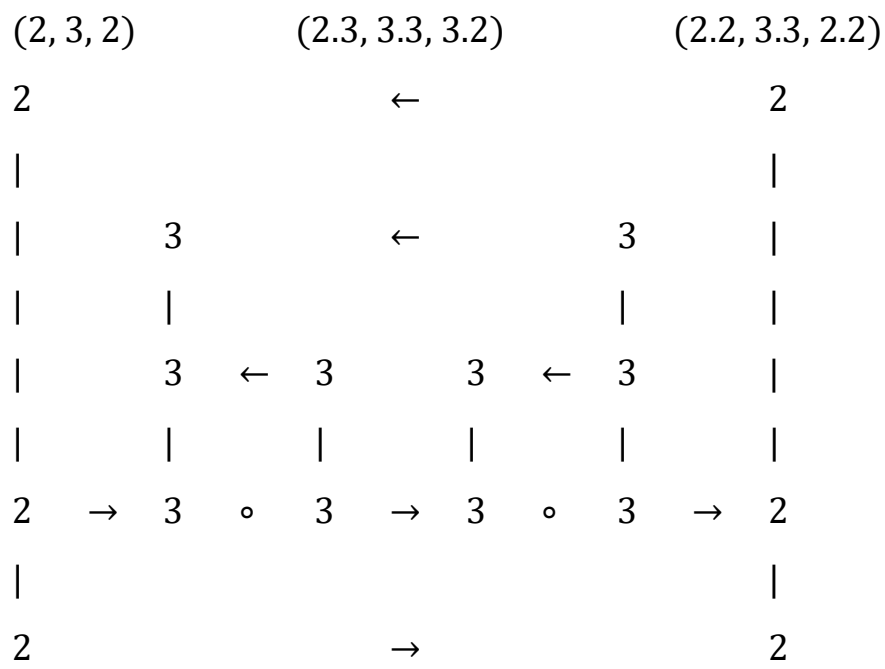
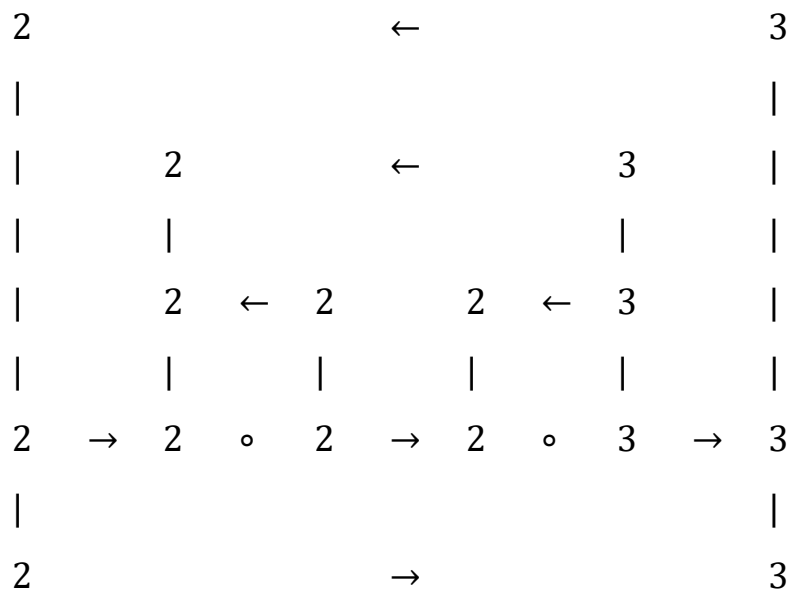


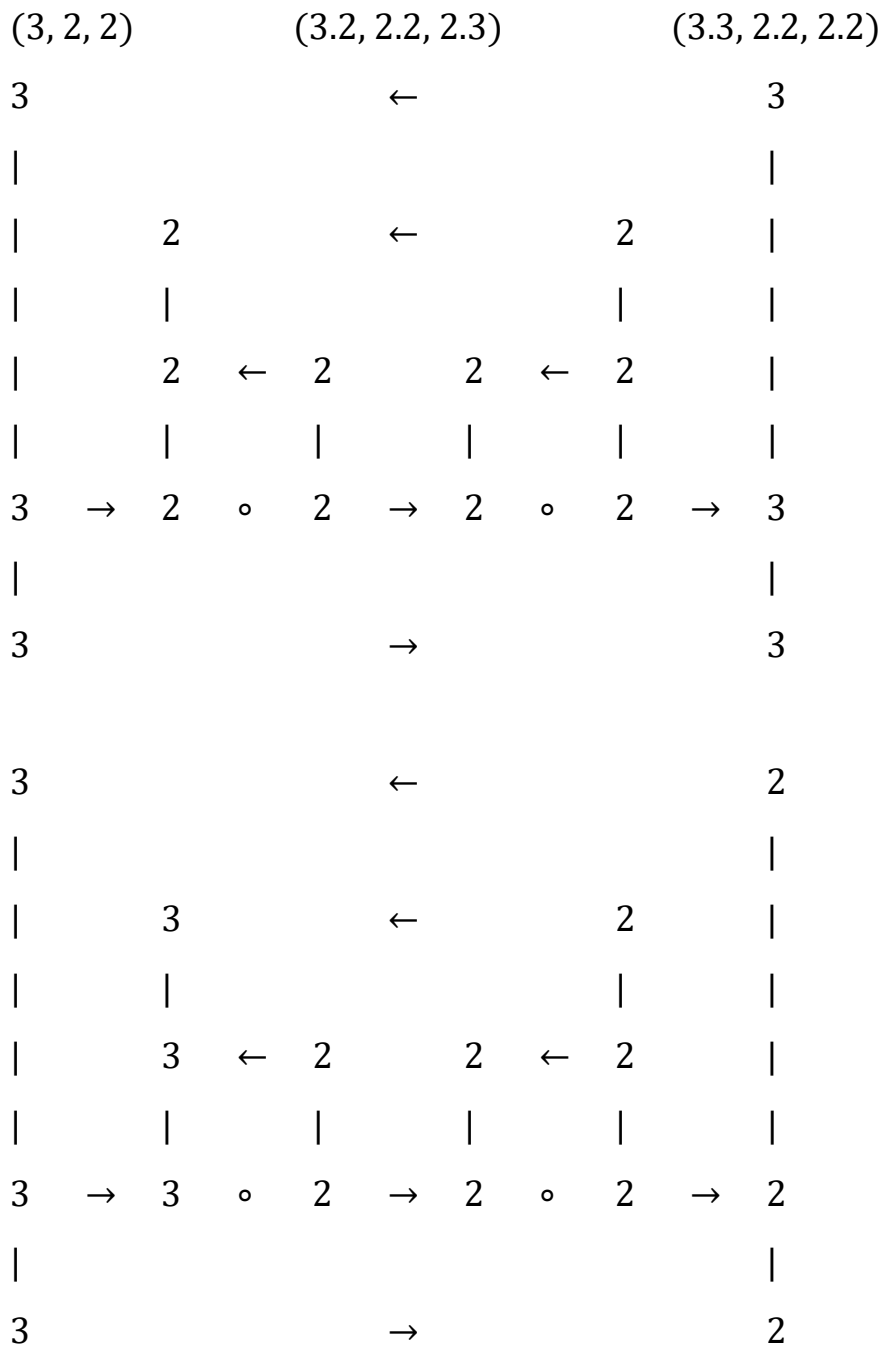


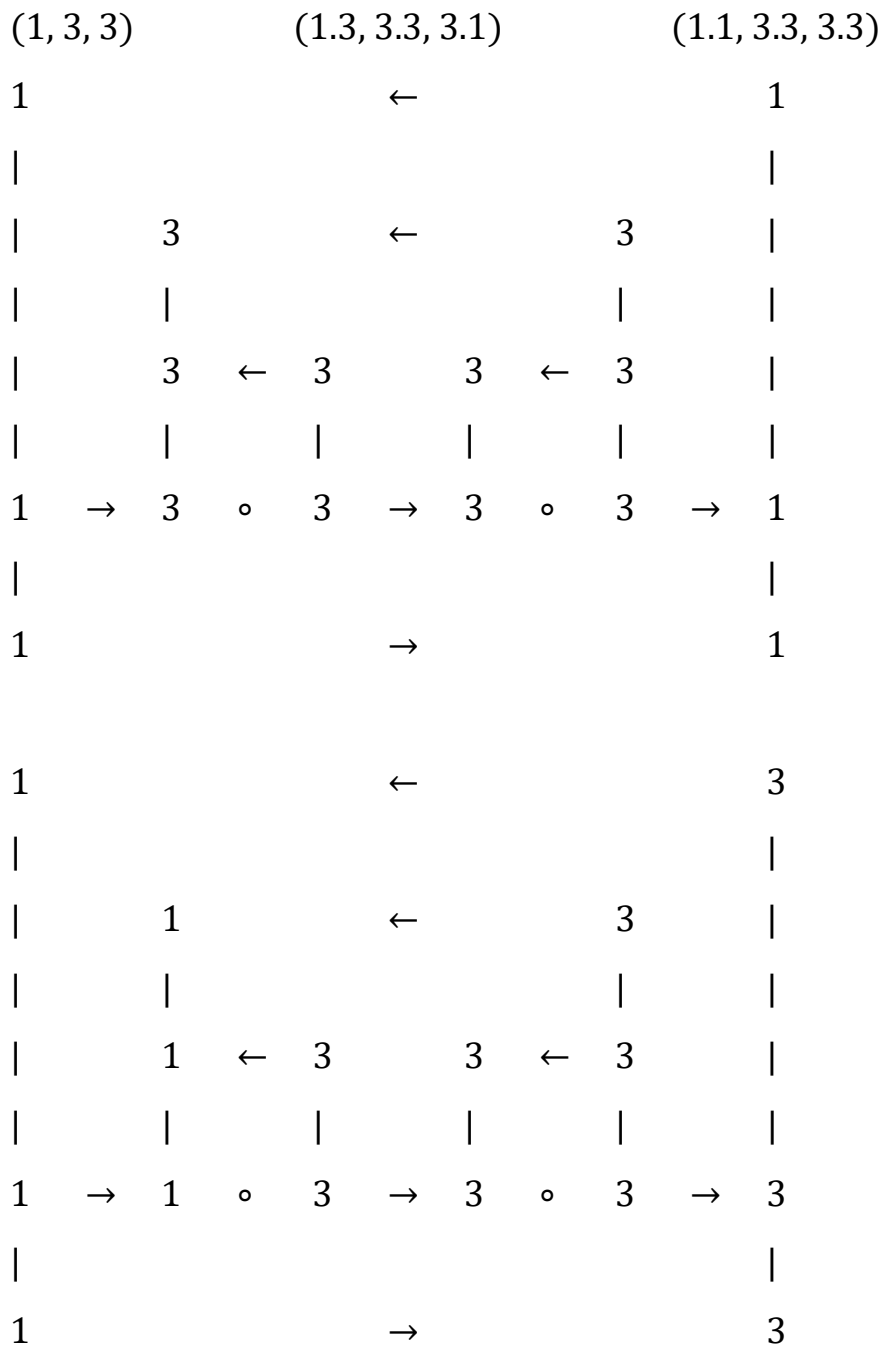


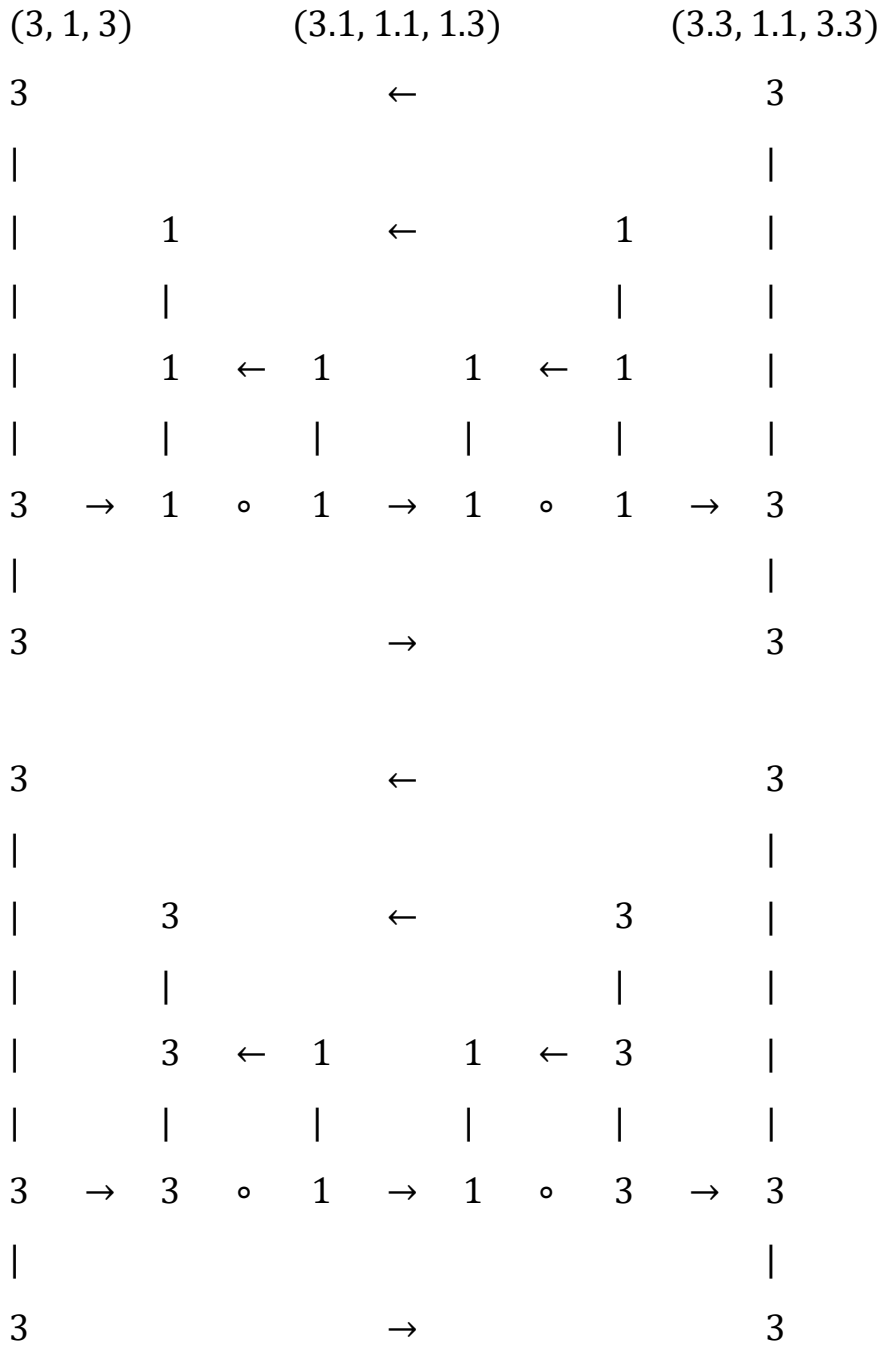


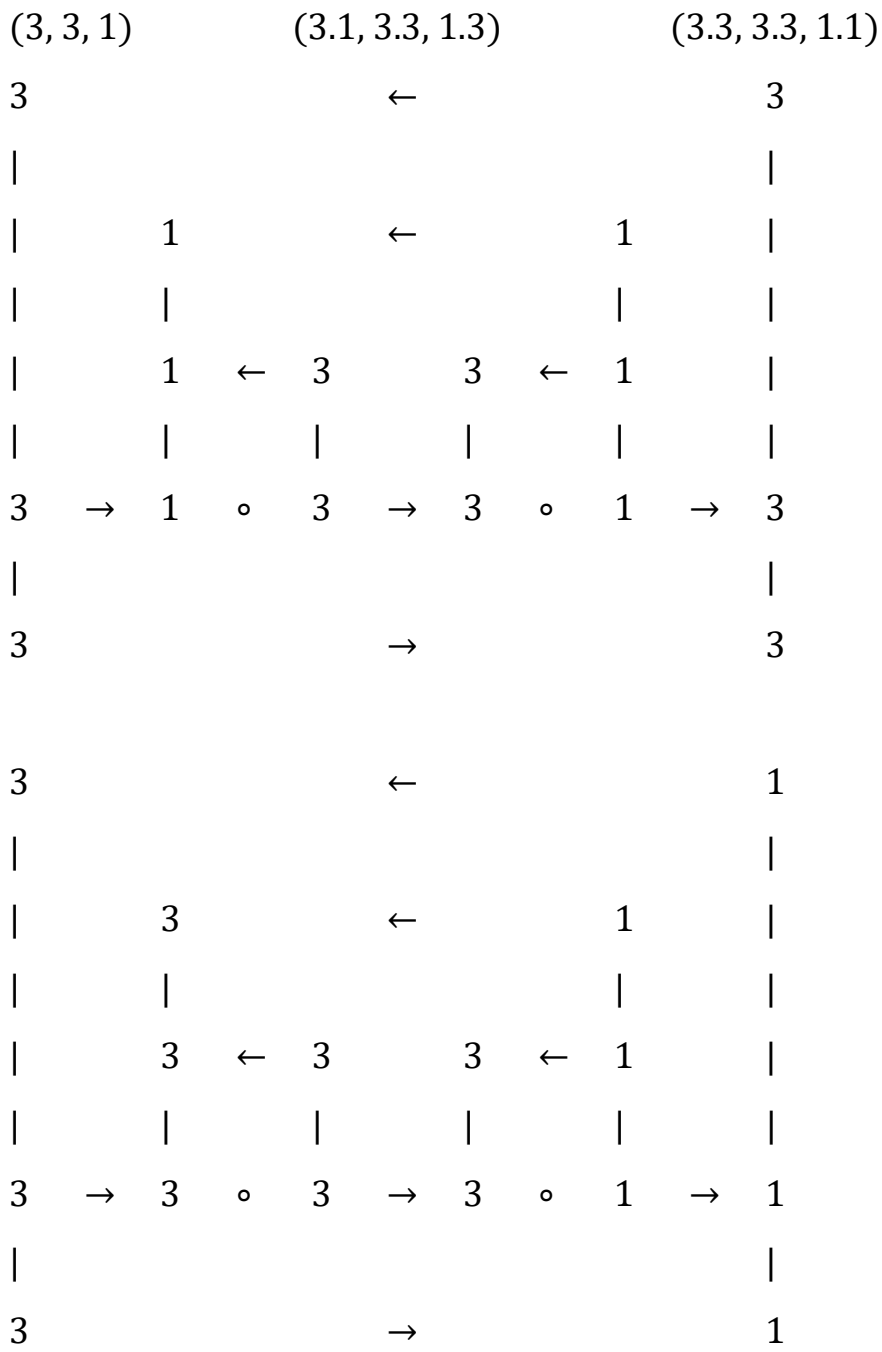


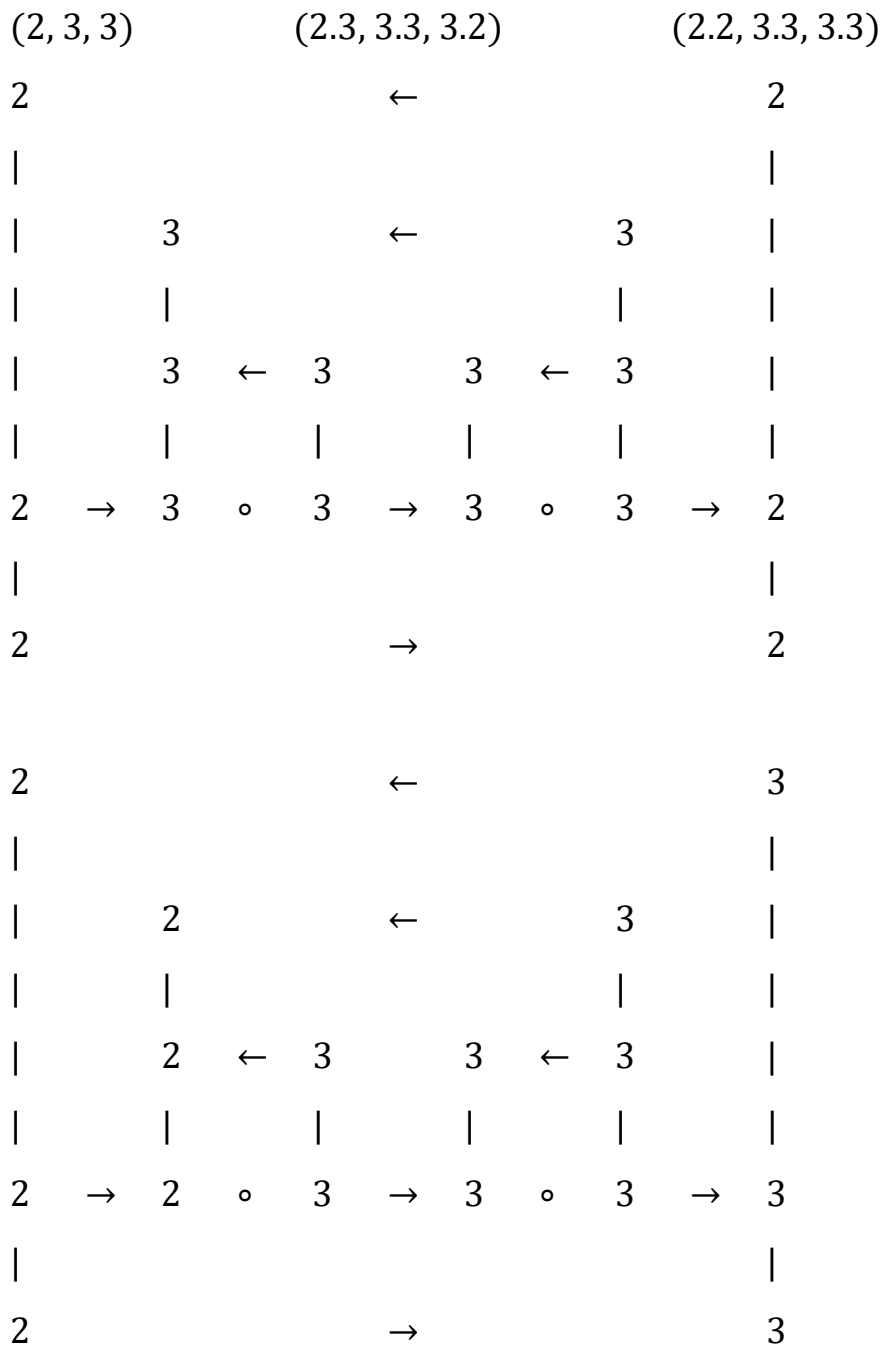


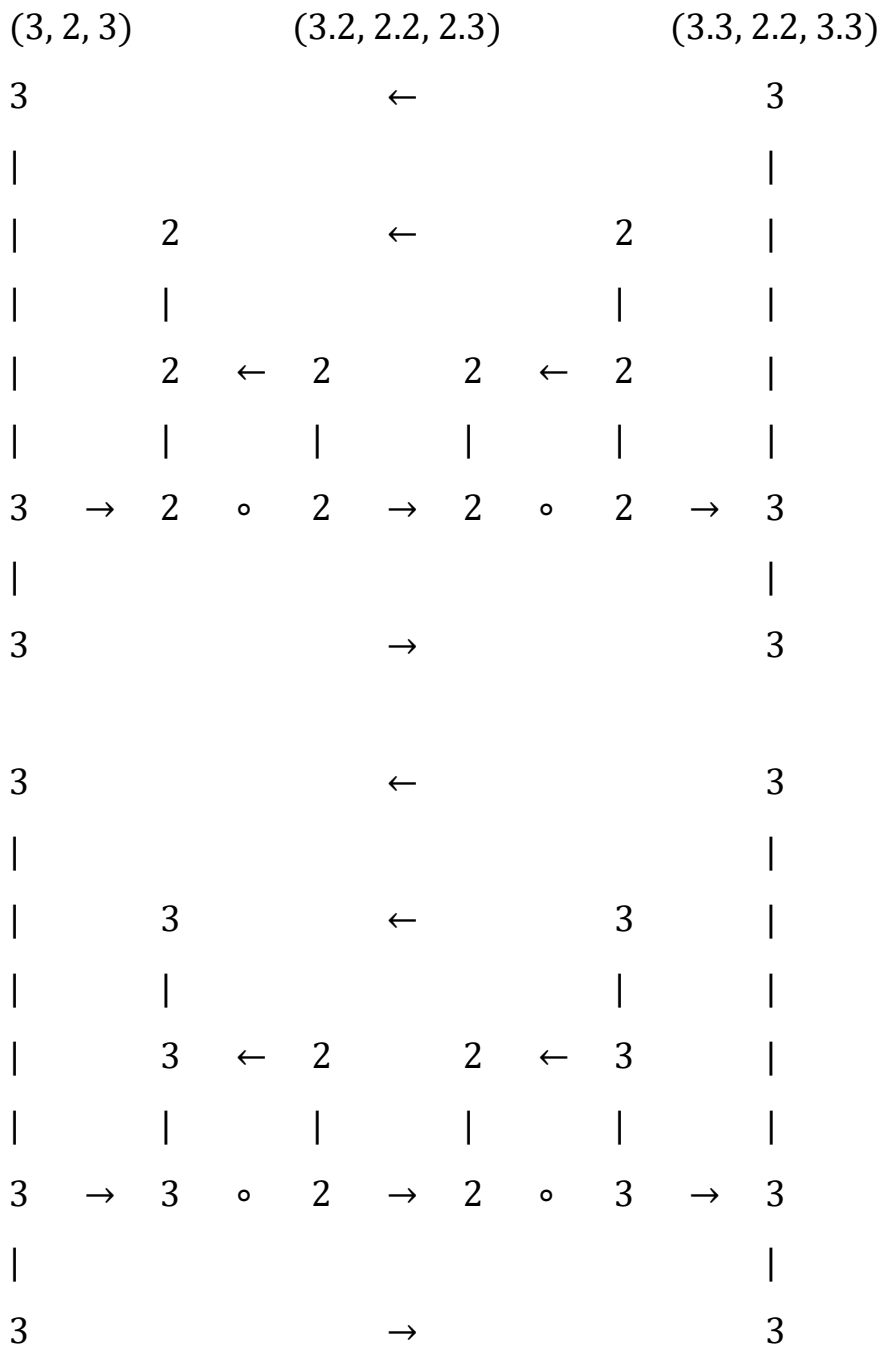


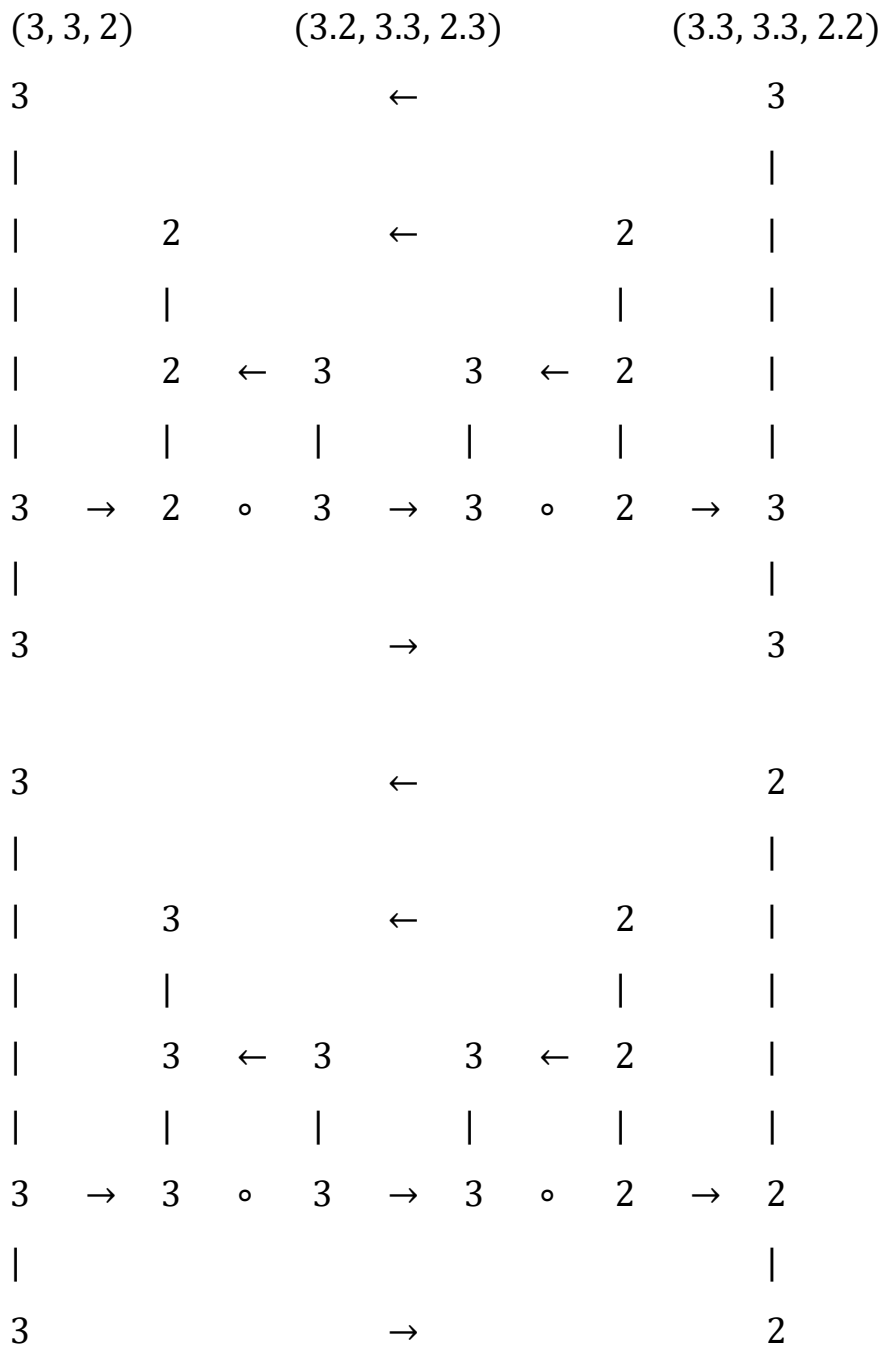


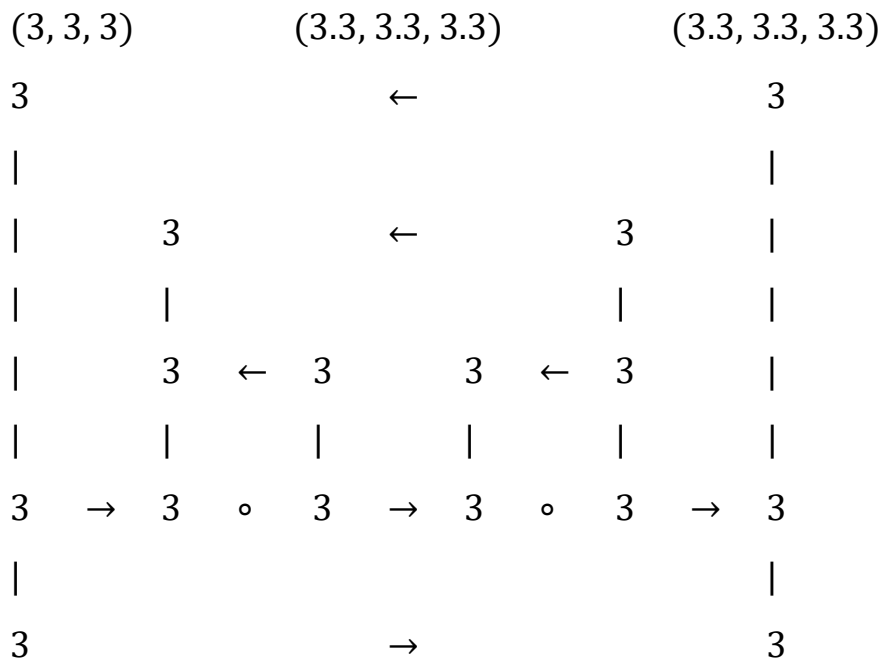












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