

ALG Ü3

115+116) $A = \{1, 2, 3, 4, 5, 6, 7\}$ \sim gegeben durch $\{\{1, 2\}, \{3, 4, 5\}, \{6, 7\}\}$

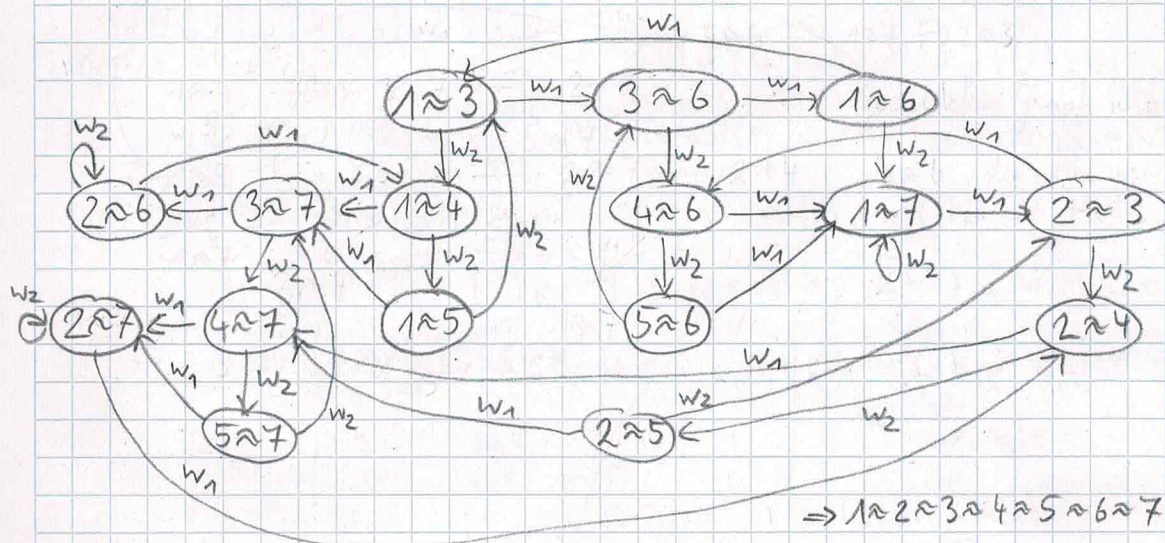
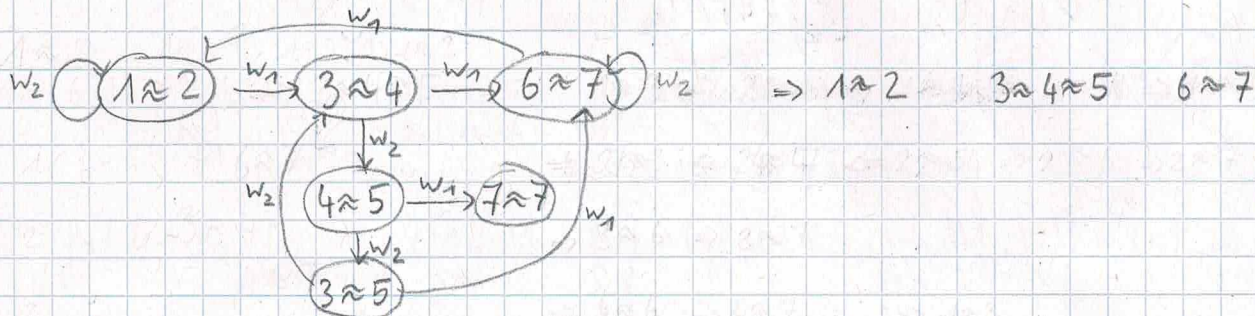
ges: $\alpha(A, w_1, \dots, w_k)$, sodass \sim die einzige nichttriviale Kongruenzrelation der Algebra ist.

$$w_1: A' \rightarrow A$$

$$w_2: A' \rightarrow A$$

$$a \mapsto \begin{cases} 3, & a=1 \\ 4, & a=2 \\ 6, & a=3 \\ 7, & a=4 \\ 7, & a=5 \\ 1, & a=6 \\ 2, & a=7 \end{cases}$$

$$a \mapsto \begin{cases} 1, & a=1 \\ 2, & a=2 \\ 4, & a=3 \\ 5, & a=4 \\ 3, & a=5 \\ 6, & a=6 \\ 7, & a=7 \end{cases}$$



116)



...
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