

TODO Model with 4 parts and 2 Origins

(1 connected to parts 1 and 2, another connected to parts 2 and 3)

$$\begin{array}{c}
 \begin{array}{ccccccc}
 A_1^1 & D_1^2 & & & T_1^1 & & c_1^2 \\
 & A_1^2 & & & T_1^2 & & c_1^1 \\
 & & A_2^1 & D_2^2 & T_1^1 & & c_2^1 \\
 & & & A_2^2 & T_1^2 & & c_2^2 \\
 & & & & T_2^1 & & c_3^1 \\
 & & A_3^1 & D_3^2 & & T_2^2 & c_3^2 \\
 & & & A_3^2 & & T_2^1 & c_3^1 \\
 & & & & A_4^1 & D_4^2 & c_4^1 \\
 & & & & & A_4^2 & c_4^2 \\
 & & & & & & T_2^2 & c_4^1 \\
 & & & & & & & t_1 \\
 & & & & I & & & t_2 \\
 & & & & & I & &
 \end{array}
 & = &
 \begin{array}{ccccccc}
 B_1^1 & & & & & & q_1 \\
 B_2^1 & & & & & & q_2 \\
 & B_2^1 & & & & & \\
 & & B_2^2 & & & & \\
 & & & B_3^1 & & & q_3 \\
 & & & B_3^2 & & & \\
 & & & & B_4^1 & & \\
 & & & & B_4^2 & & q_4 \\
 B_{11} & B_{12} & & & & & \\
 & & B_{23} & B_{24} & & &
 \end{array}
 \end{array}$$

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