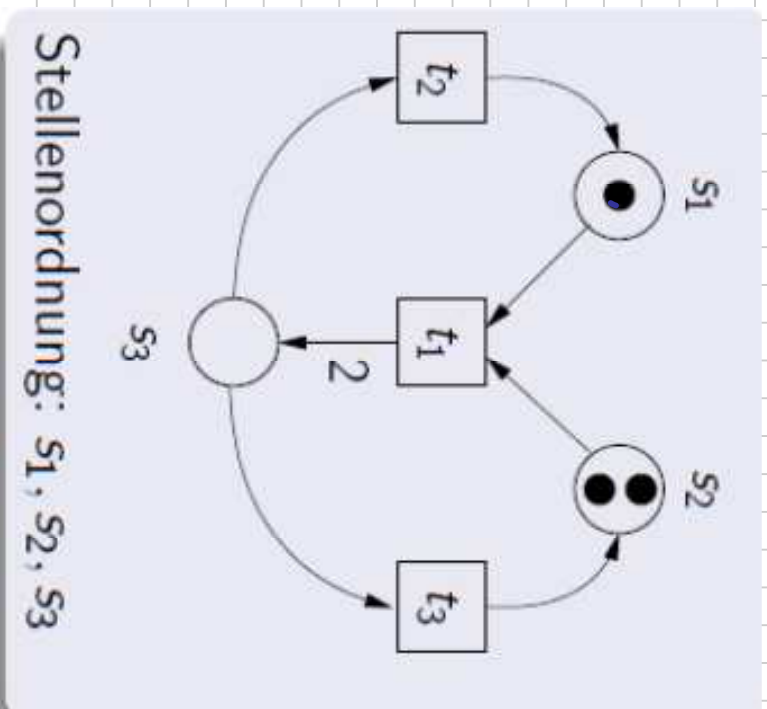


Modellierung 29.10.14

Notiztitel

29.10.2014



$$S = \{s_1, s_2, s_3\}$$

$$T = \{t_1, t_2, t_3\}$$

$$\bullet t_1(s_1) = 1 \quad \bullet t_1(s_2) = 1 \quad \bullet t_1(s_3) = 0$$

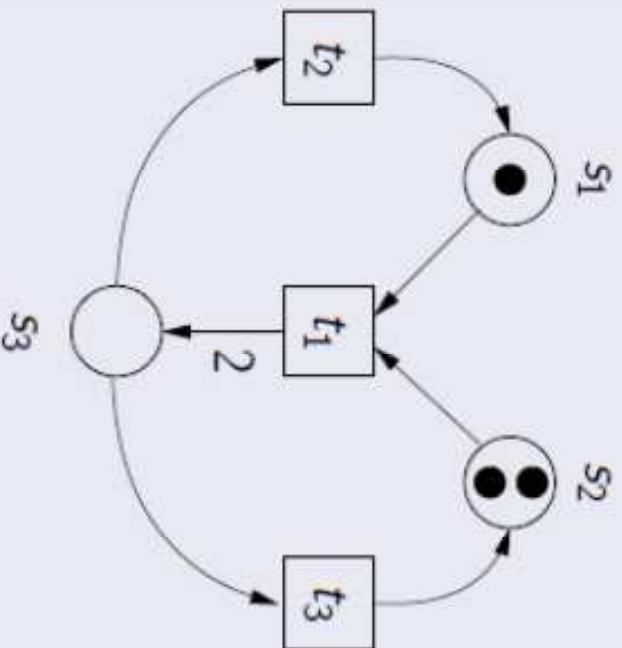
$$\bullet t_2(s_1) = 0 \quad \bullet t_2(s_2) = 0 \quad \bullet t_2(s_3) = 2$$

$$\text{oder } \bullet t_3 = (1, 1, 0) \quad \bullet t_3 = (0, 0, 2)$$

...

...

$$m_0(s_1) = 1 \quad m_0(s_2) = 2 \quad m_0(s_3) = 0$$



Stellenordnung: s_1, s_2, s_3

$$S = \{s_1, s_2, s_3\}$$

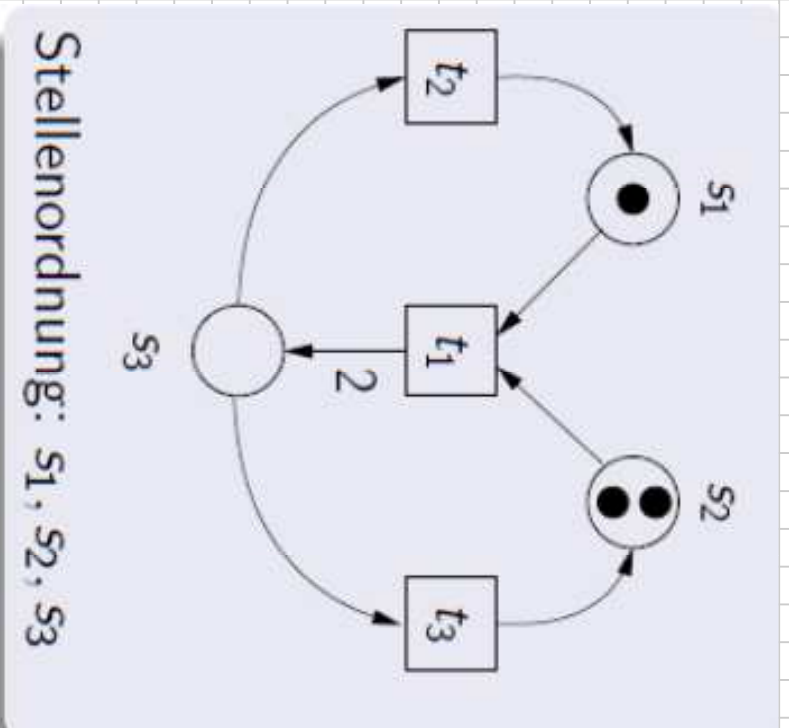
$$T = \{t_1, t_2, t_3\}$$

$$F = \{(s_1, 1, t_1), (s_2, 1, t_1), (t_1, 2, s_3),$$

$$(s_3, 1, t_2), (t_2, 1, s_1),$$

$$(s_3, 1, t_3), (t_3, 1, s_2)\}$$

$$m_0 = (1, 2, 0)$$



$$\bullet t_1 = (1, 1, 0)$$

$$m = (1, 2, 0)$$

$\bullet t_1 \leq m \Rightarrow t_1$ aktiviert

$$t_1 \bullet = (0, 0, 2)$$

$$m' = m \ominus \bullet t_1 \oplus t_1 \bullet$$

$$= (1, 2, 0) \ominus (1, 1, 0) \oplus (0, 0, 2)$$

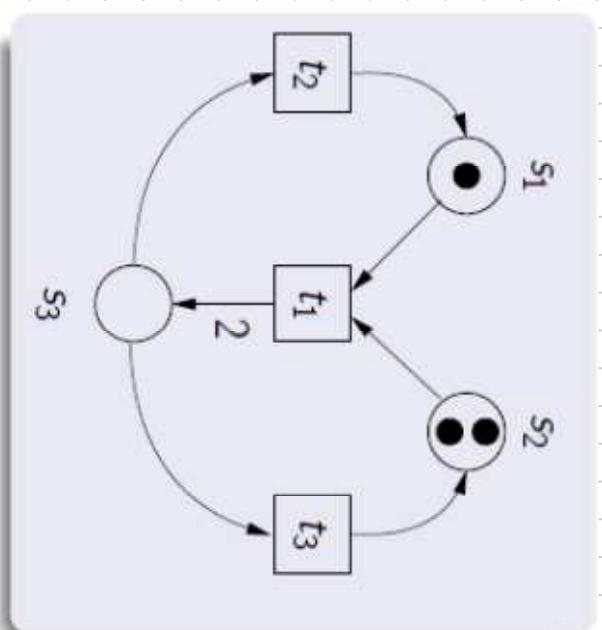
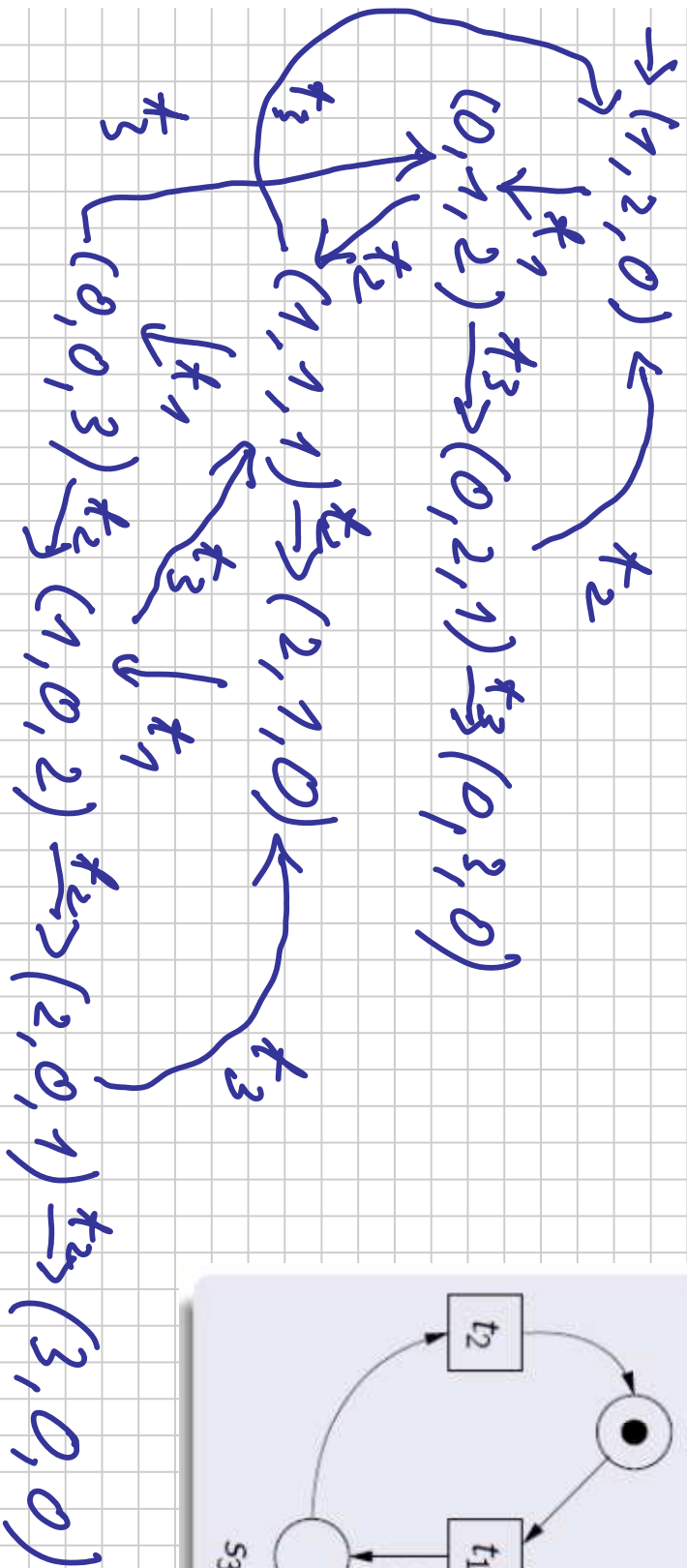
$$= (0, 1, 2)$$

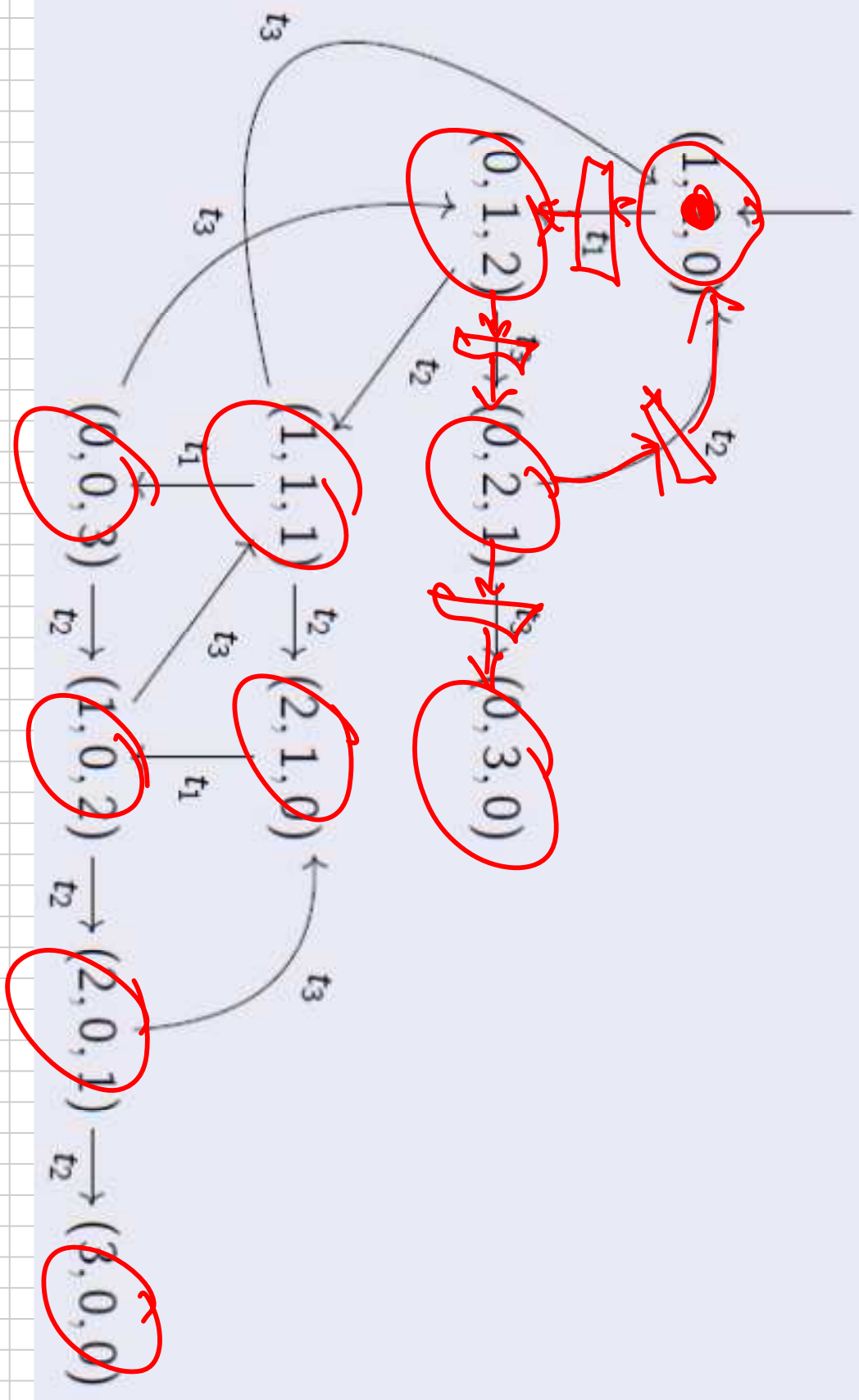
$$m_0[t_1] > m'[t_2] > m'' = m_0[t_1, t_2] > m''$$

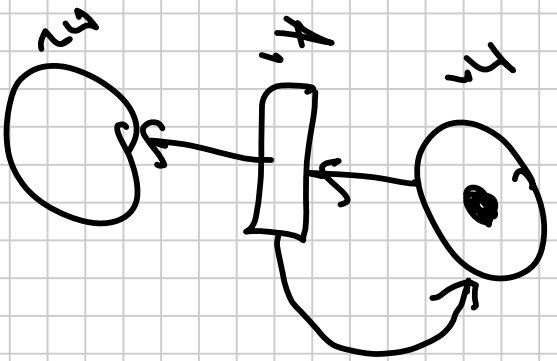
$$m'' = m' \ominus \bullet t_2 \oplus t_2 \bullet = (0, 1, 2) \ominus (0, 0, 1) \oplus (1, 0, 0) = (1, 1, 1)$$

$$m_0[t_3] > m'' \text{ mit } \mathcal{F} = t_1, t_2$$

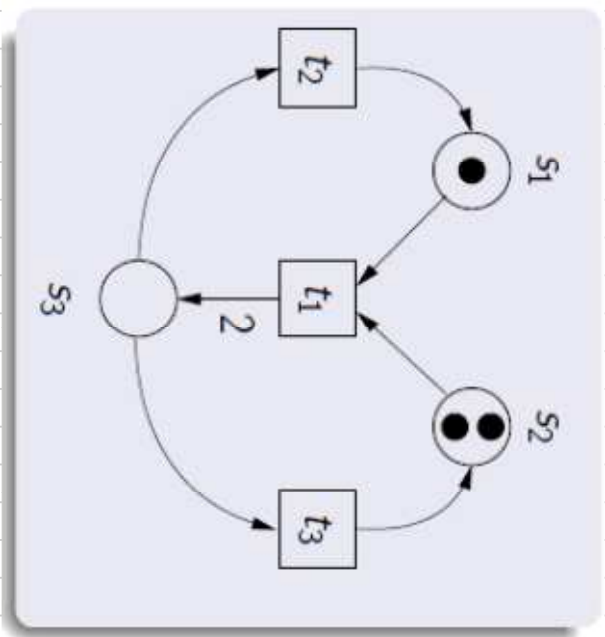
Erreichbarkeitsgraph







unbeschränkt!



beschränkt,
 $C=3$

