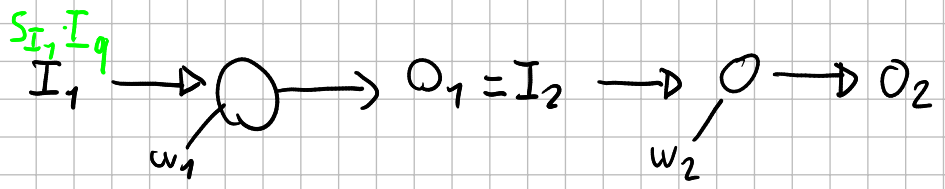

$I_1 \cdot X = O_2$

$I_1 \cdot w_1 = O_1$

$S_{I_1} I_1 \; S_{w_1} W_{q_1} = O_1$

I_1

$I_2 \cdot w_2 = O_2$

$S_{I_2} I_2 \; S_{w_2} W_{q_2} = O_2$

$O_n = S_{w_n} W_{q_n} \; S_{O_{n-1}} O_{n-1}$

$w \Rightarrow S_w \; W_q$

$S_{O_1} O_1 \; S_{w_2} W_{q_2} = O_2$

$S_{O_1}(S_{I_1} I_{q_1} \cdot S_{w_1} W_{q_1}), S_{w_2} W_{q_2} = O_2$

I

$O_3 = S_{w_3} W_{q_3} \; S_{O_2} \cdot (S_{O_1} (S_{I_1} I_{q_1} \cdot S_{w_1} \cdot W_{q_1}) \cdot S_{w_2} W_{q_2}))$

O_1

O_2

$$O_n = \left(\prod_{I=1}^{I=m} S_{w_I} W_{q_n} \cdot \prod_{I=1}^{I=n-1} S_{O_I} \right) \cdot I$$

SCALING