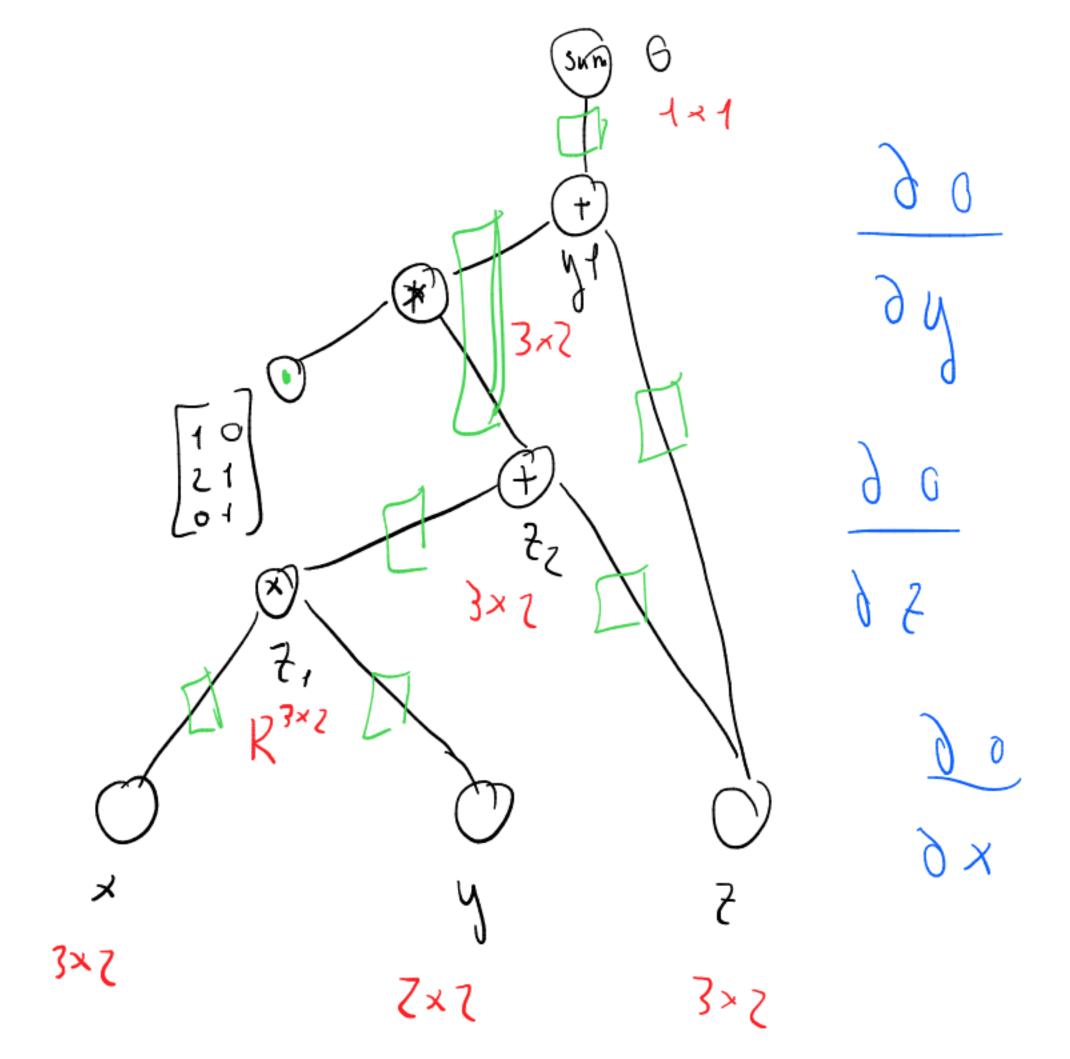
$$x = \begin{bmatrix} 1 & 1 \\ 1 & 1 \\ 1 & 1 \end{bmatrix} \in \mathbb{R}^{3 \times 2}$$

$$\sqrt{\frac{1}{2}} = \sqrt{\frac{1}{1}} \times 0.5 = \sqrt{0.5} = \sqrt{0.5}$$

$$\sqrt{\frac{1}{1}} \times 0.5 = \sqrt{0.5}$$

$$7 = \begin{cases} 0.25 & 0.25 \\ 0.25 & 0.25 \end{cases} \in \mathbb{R}^{3 \times 2}$$



$$\frac{\partial o}{\partial y_1} = \frac{\partial}{\partial y_1} \sum_{i,j} y_i^{(i,j)} = \begin{bmatrix} 1 & 1 \\ 1 & 1 \end{bmatrix}$$

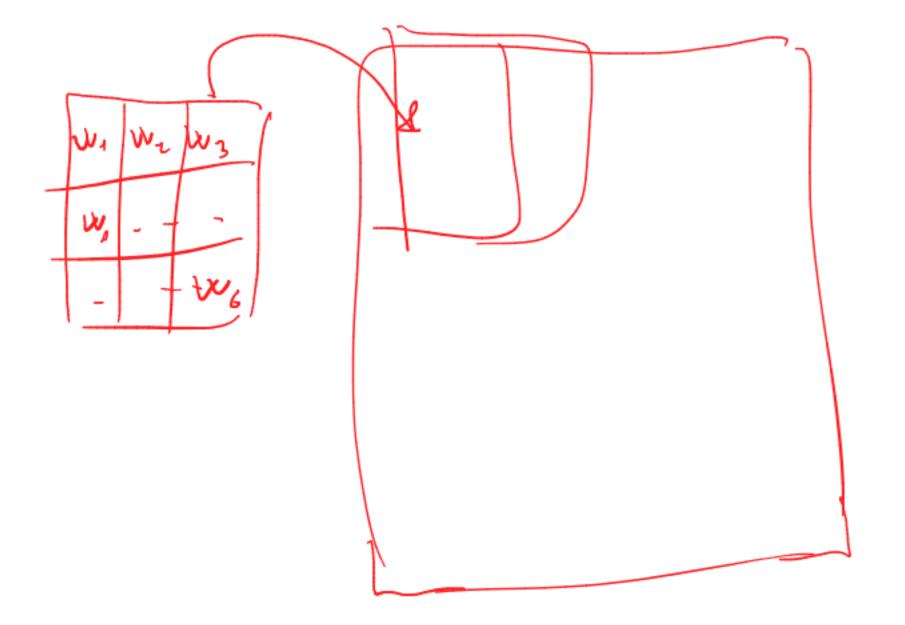
$$\frac{\partial y_1}{\partial z} \frac{\partial (const)}{\partial z} + z = \frac{\partial y_1}{\partial z_1} = \begin{bmatrix} 1 & 0 \\ 0 & 0 \end{bmatrix}$$

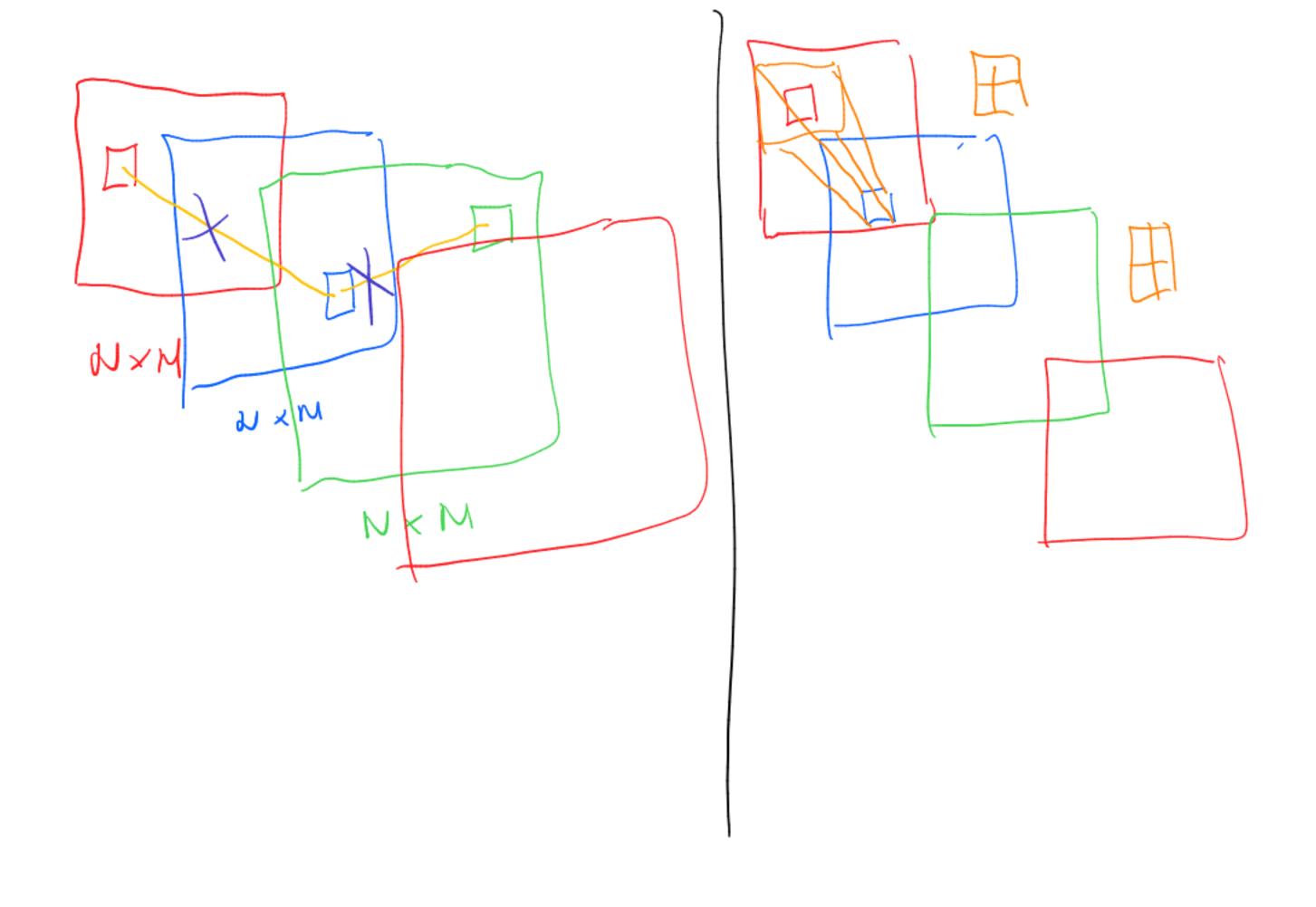
4, 6/R³/2 \((3×2) \times (3×

W (4) W + M (1055

$$\frac{1}{2} \frac{1}{2} \frac{1}$$

ReLU(a)= { 0 0.w.





$$\frac{7}{3} = (x \cdot y + 7) \cdot \begin{bmatrix} \frac{1}{2} & 0 \\ \frac{7}{2} & 1 \end{bmatrix} + 7$$

$$\frac{7}{3} = \begin{bmatrix} \frac{1}{2} & \frac{7}{2} & \frac{7}{2} \\ \frac{7}{2} & 1 \end{bmatrix} + \begin{bmatrix} \frac{7}{2} & \frac{7}{2} \\ \frac{7}{2} & 1 \end{bmatrix}$$