c) $\frac{\partial f_{xi}}{\partial w} = \frac{\partial (w_k x_i + b_k)}{\partial w} = \underbrace{\begin{pmatrix} 0 & \dots & 0 \\ \vdots & & \vdots \\ x_1 & \dots & x_i \\ \vdots & & \vdots \\ 0 & \dots & 0 \end{pmatrix}}_{M} \leftarrow$ k-te Zeile

$\frac{\partial f_{xi}}{\partial b} = \frac{\partial (w_k x_i + b_k)}{\partial b} = \begin{pmatrix} 0 \\ \vdots \\ 1 \\ \vdots \\ 0 \end{pmatrix} \rightarrow$ k-te Zeile