$$x \leftarrow -\frac{\frac{\partial h_1}{\partial x}}{\frac{1}{1}} - h_1 \leftarrow -\frac{\frac{\partial o_1}{\partial h_1}}{\frac{\partial h_1}{\partial w_1}} - o_1 \leftarrow -\frac{\frac{\partial h_2}{\partial o_1}}{\frac{1}{1}} - h_2 \leftarrow -\frac{\frac{\partial o_2}{\partial h_2}}{\frac{\partial h_2}{\partial w_2}} - o_2 \leftarrow -\frac{\frac{\partial \hat{y}}{\partial o_2}}{\frac{\partial o_2}{\partial o_2}} - \frac{\frac{\partial I}{\partial \hat{y}}}{\frac{\partial O_2}{\partial w_2}} - MSE$$

$$\begin{vmatrix} \frac{\partial h_1}{\partial w_1} = x & & \frac{\partial h_2}{\partial w_2} = o_1 & & \frac{\partial \hat{y}}{\partial w_3} = o_2 \end{vmatrix}$$