

Torward

Backprop

$$\frac{\partial \mathcal{E}}{\partial \omega_{13}} = \frac{\partial \mathcal{Z}_3}{\partial \omega_{13}} \cdot \frac{\partial \mathcal{E}}{\partial \mathcal{Z}_3} = \mathcal{G}\omega_{X_1} \cdot \frac{\partial \mathcal{E}}{\partial \mathcal{Z}_3}$$