





$$\frac{\partial(e)}{\partial(w^{(1)})} = x^{0}(y^{(1)})^{\frac{1}{2}} = \begin{bmatrix} 1 \\ -16.8 & 50.4 \\ -33.6 & 100.8 \end{bmatrix}$$

$$\frac{\partial(e)}{\partial(w^{(2)})} = x^{0}(y^{(2)})^{\frac{1}{2}} = \begin{bmatrix} 1 \\ -16.8 \end{bmatrix}$$

$$\frac{-16.8}{-16.8}$$

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Thue, all calculations done!