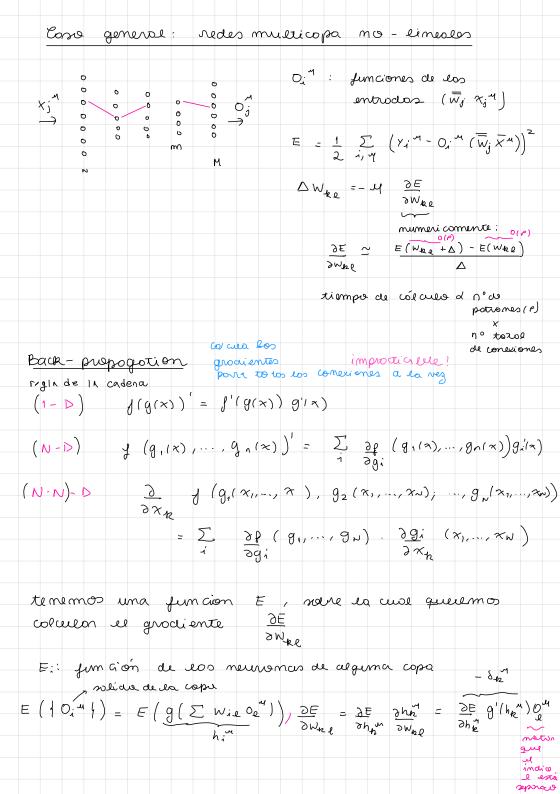
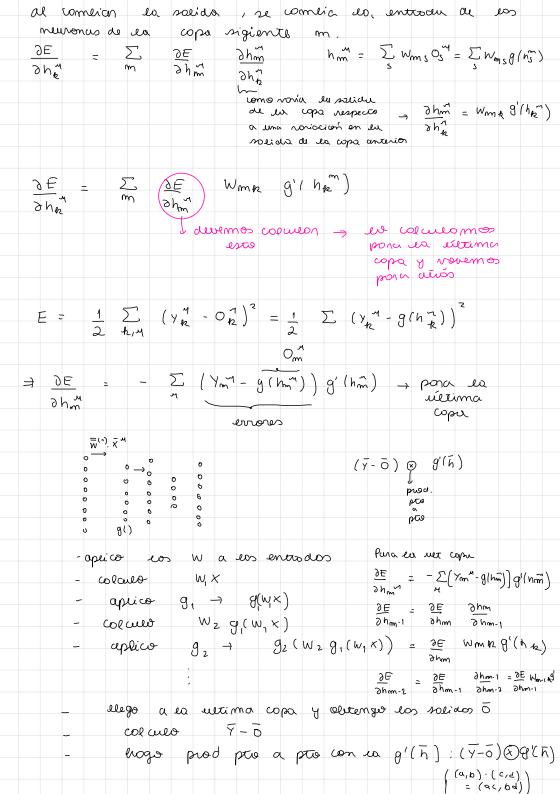


WKE OK conexión efectina entre neuronas e de entida y & de solida: no lineal (introda - solida) $O_{j} = \emptyset \left(\sum_{j=1}^{N} W_{ij} X_{j} \right)$ $E = \frac{1}{2} \sum_{i,m} (Y_i^m - g(\sum_{i=1}^n w_{ij} x_j^m))^2$ DE = [(Yem - g ([Wk; xjm)) g'([Wk; xjm) xem = - 5 8 7 g'(h12m) x2m última posives q: integrate fin) $g(n) = tomh(n) = g'(n) = 1 - g^{2}(n)$ Podríamos agrinin la esperonza de otros monera: $E = \sum_{i,m} \left[\frac{1 + y_i^{m}}{2} en \left(\frac{1 + y_i^{m}}{1 + 0_{i}^{m}} \right) + \frac{1 - y_i^{m}}{2} en \left(\frac{1 - y_i^{m}}{7 - 0_{i}^{m}} \right) \right]$ $\frac{\partial E}{\partial W_{k}} = \frac{\sum_{n} g'(h_{k}^{n})}{(1 - O_{k}^{n})^{2}} \left[y_{k}^{n} - O_{k}^{n} \right] \times_{\ell}^{n}$ re redefinio 8 pero lo forma funcional es la misma





antitude
$$\Delta W_{j}k_{j}^{k-1} - \gamma \left(\sum_{m} W_{j}^{m} g^{j}(h_{j}^{k-1}) \frac{3\epsilon}{3n_{m}}\right) O_{p}^{e-2}$$

copy $W_{j}m^{e}$
 $\frac{3\epsilon}{9h_{j}} = -\gamma \left(\sum_{m} W_{j}^{m} g^{j}(h_{j}^{k-1}) \frac{3\epsilon}{3n_{m}}\right) O_{p}^{e-2}$
 $W_{j}m^{e}$
 $\frac{3\epsilon}{9h_{m}} = W_{m}g^{j}(h_{j}^{k-1}) O_{p}^{e-2}$
 $\frac{3\epsilon}{9h_{m}} = V_{j} O_{p}^{e-2}$
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 $\frac{3\epsilon}{9h_{m}} = V_{m}g^{j}(h_{p}^{e-2}) O_{p}^{e-2}$
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