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ej = dj - y;

error: £ = ½ & ej

Output from m layer neuron, ym = D' (Vm)

tlere,

$$\delta_{m} = \frac{\delta E}{\delta V_{m}} = \frac{\delta E}{\delta Y_{m}} = \frac{\delta Y_{m}}{\delta V_{m}}$$

$$= \frac{-\delta E}{\delta \gamma_p} \phi'(V_m)$$

And, E(n)= = = = epe(n)

<u>δερ</u> <u>δερ</u> <u>δγρ</u> δγρ δγη <u>δγρ</u> δγη = (-1) 0' (Vp) Wem

finally, $\delta m = \begin{cases} ep 0'(V_m) & tohen, m is output neuron] \end{cases}$

So, this is our computed local induced gradient, on

