$$V(n) = W(n)Y(n)$$

$$y(n) = \varphi(v(n))$$

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$$y(n) = \varphi(v(n))$$

$$W_{ji}(n+1) = W_{ji}(n) + \Delta W_{ji}(n)$$

$$= W_{ji}(n) + \eta \, \delta_j(n) \, y_i(n)$$

若箇 j 了 是 Output Layer

$$\delta_j(n) = \left(d_j(n) - y_j(n) \right) \varphi_j'\left(v_j(n) \right)$$

若箇 j 了 是 Input Layer

$$\delta_j(n) = y_j(n) \left(1 - y_j(n) \right) \sum_k \delta_k(n) W_{kj}(n)$$

$*$ $\varphi'\left(v_j(n) \right) = y_j(n) \left[1 - y_i(n) \right]$