linear

signoid

$$y = \frac{1}{e^{-(v_1 h_1 + v_2 h_2)}}$$

$$= \frac{1}{e^{-[v_1(w_{11}x_1 + w_{21}x_2 + w_{31}x_3) + v_2(w_{12}h_2 + w_{22}h_2 + w_{32}h_2)]}}$$