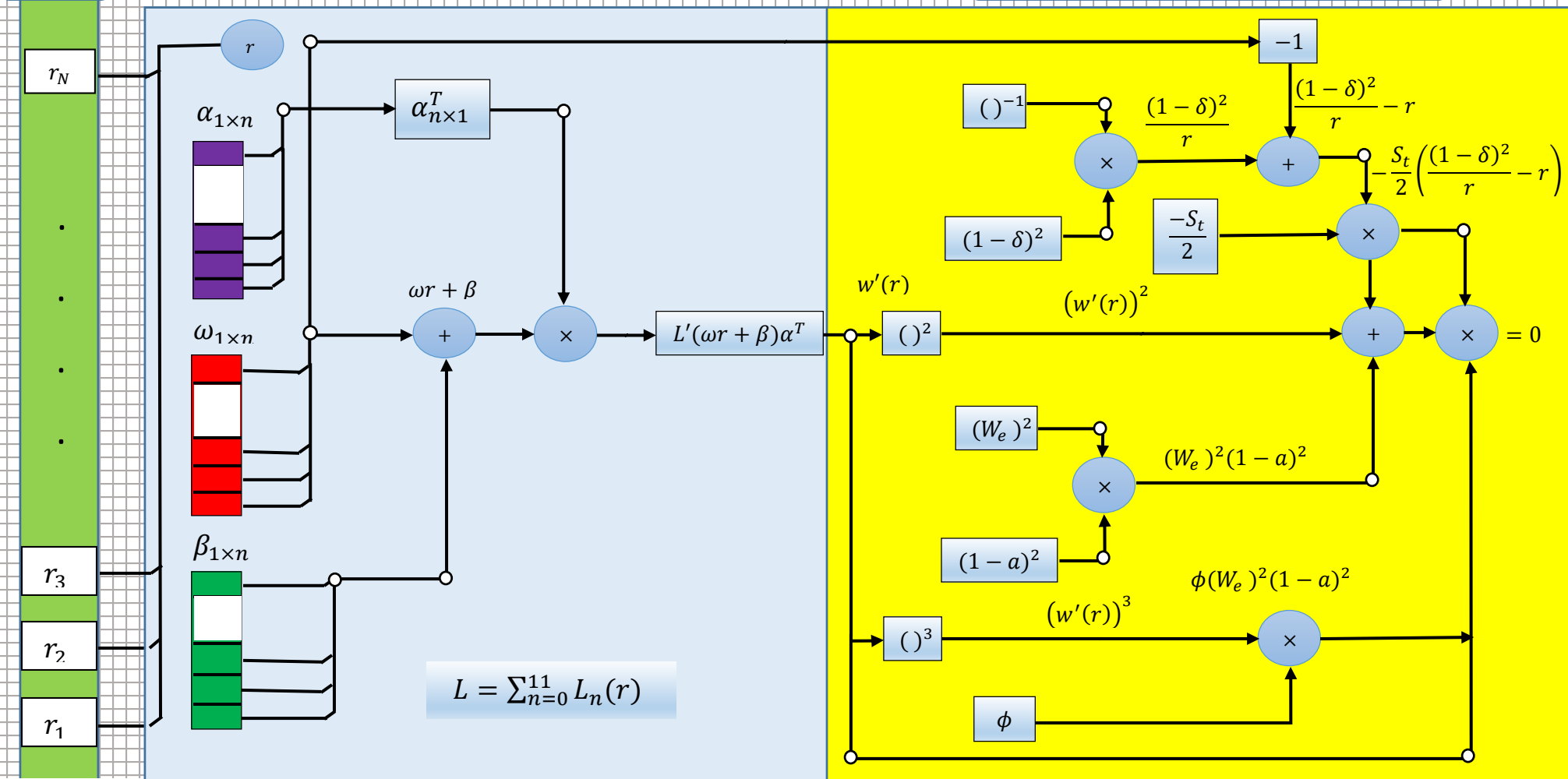


# Input

# Hidden Layer

# Outer Layer



$r \in [1,2]$

$$\frac{dw}{dr} + \phi W_e^2 (1-a^2) \left(\frac{dw}{dr}\right)^3 - \frac{S_t}{2} W_e^2 (1-a^2) \left((1+\delta)^2 \frac{1}{r} - r\right) \left(\frac{dw}{dr}\right)^2 + \frac{S_t}{2} \left((1+\delta)^2 \frac{1}{r} - r\right) = 0$$