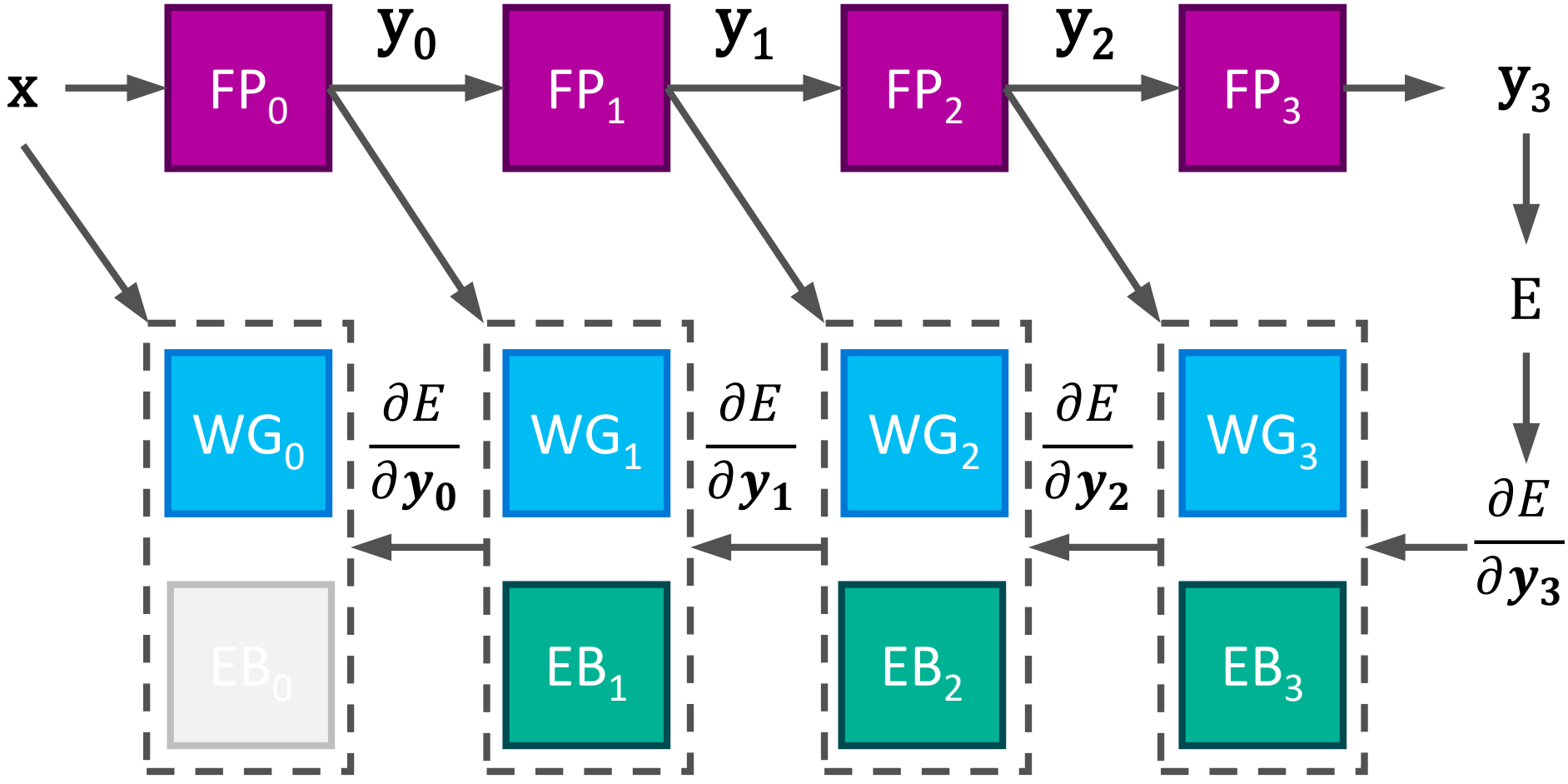

FP$_i$ $\quad y_i = f_i(y_{i-1}, W_i)$

EB$_i$ $\quad \frac{\partial E}{\partial y_{i-1}} = \frac{\partial E}{\partial y_i}\frac{\partial y_i}{\partial y_{i-1}}$

WG$_i$ $\quad \frac{\partial E}{\partial W_i} = \frac{\partial E}{\partial y_i}\frac{\partial y_i}{\partial W_i}$ $\qquad W_i^* = W_i - \alpha\frac{\partial E}{\partial W_i}$