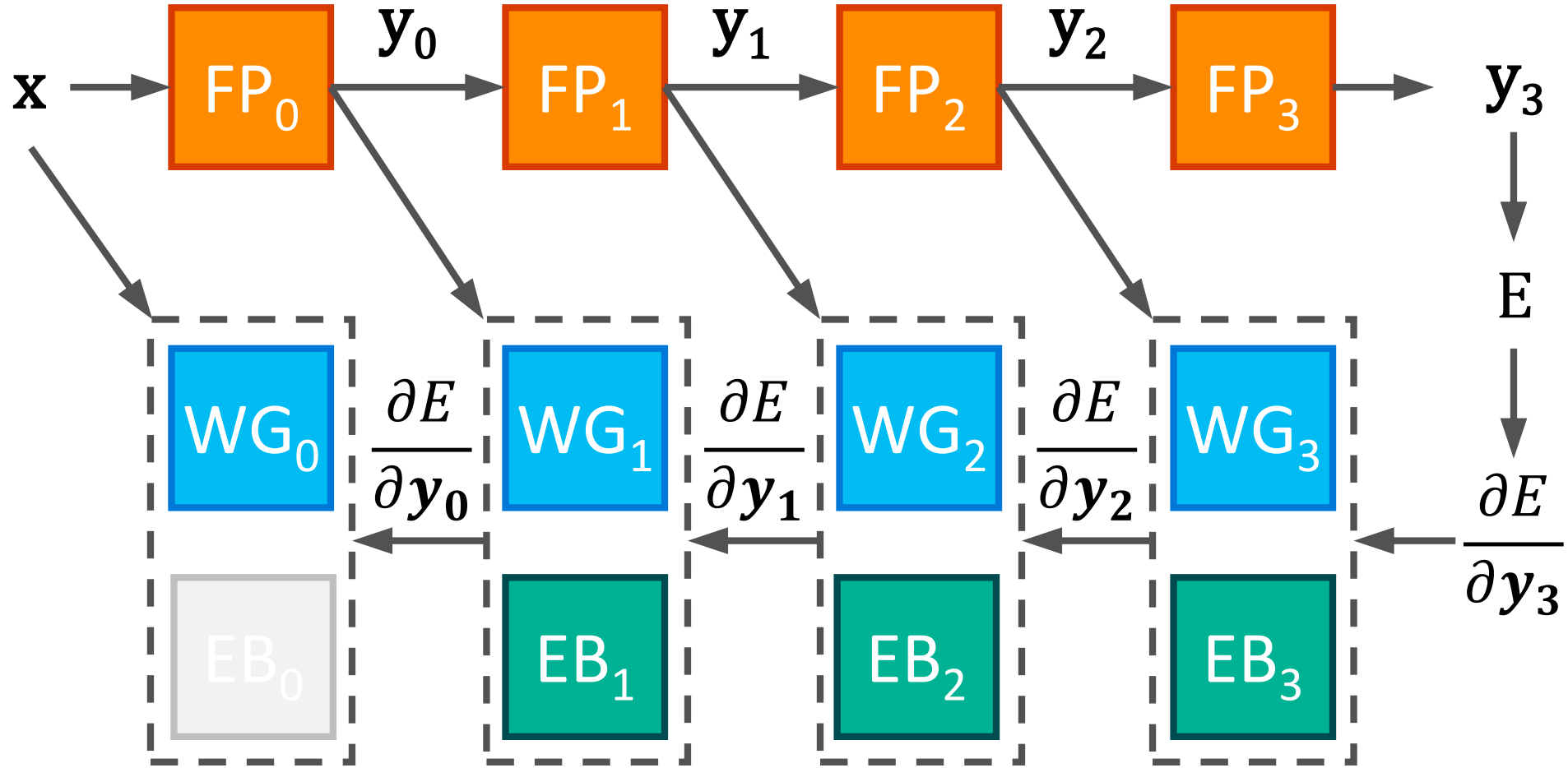

FP$_i$ $\quad \boldsymbol{y_i} = f_i(\boldsymbol{y_{i-1}}, W_i)$

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

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