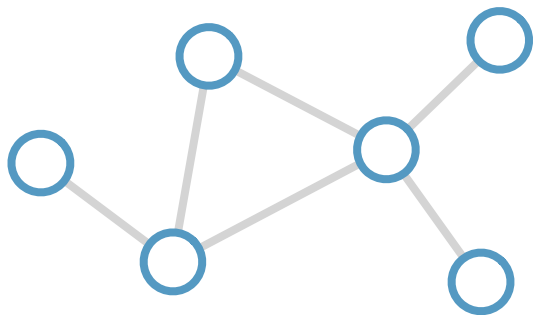
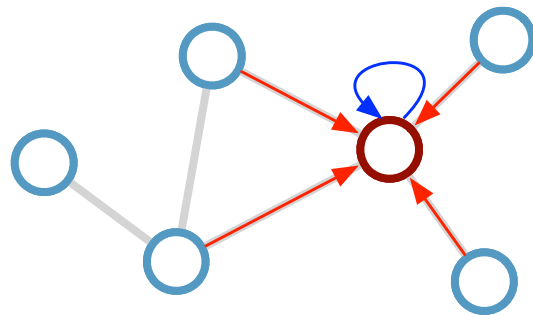


Consider this
undirected graph



Compute update
for node in red



Update: $h_i^{(l+1)} = \text{ReLU} \left(h_i^{(l)} W_0^{(l)} + \sum_{j \in N_i} h_j^{(l)} W_1^{(l)} \right)$