

 $\mbox{Input Layer} \in \mathbb{R}^9 \qquad \mbox{Hidden Layer} \in \mathbb{R}^{10} \qquad \mbox{Hidden Layer} \in \mathbb{R}^{16} \qquad \mbox{Hidden Layer} \in \mathbb{R}^{10} \qquad \mbox{Output Layer} \in \mathbb{R}^1$