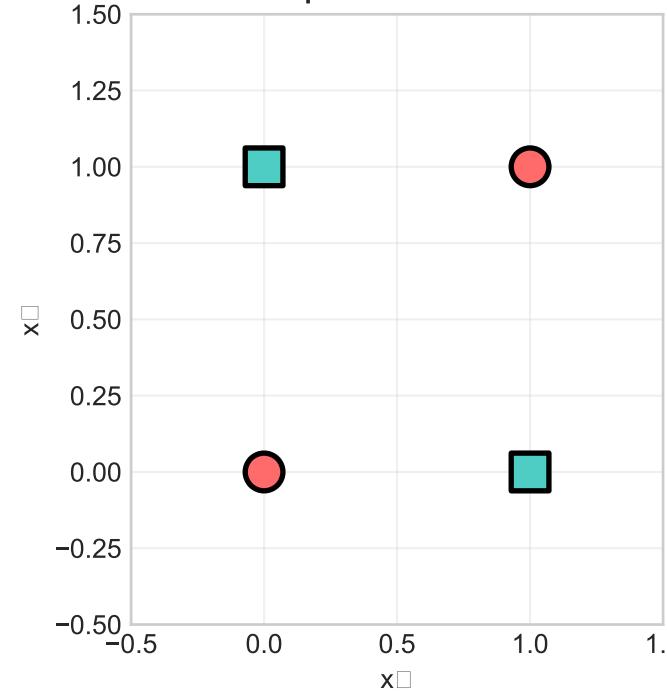


Solving XOR with a Hidden Layer

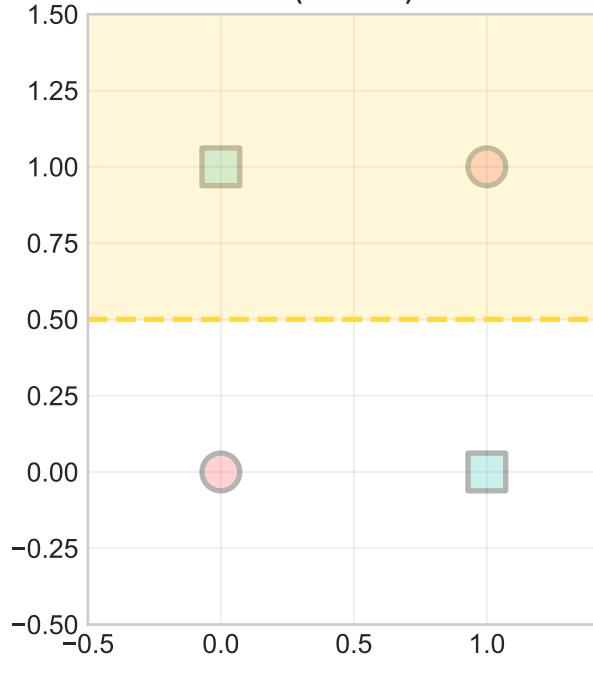
Step 1: XOR Problem



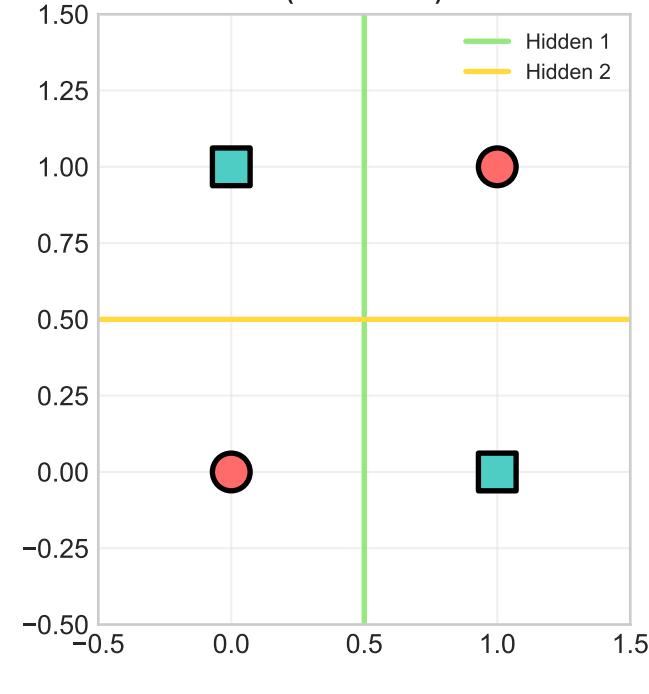
Step 2: Hidden 1
($x\Box > 0.5$)



Step 3: Hidden 2
($x\Box > 0.5$)



Step 4: Solution
($H_1 \text{ XOR } H_2$)



Network Architecture: $2 \rightarrow 2 \rightarrow 1$

