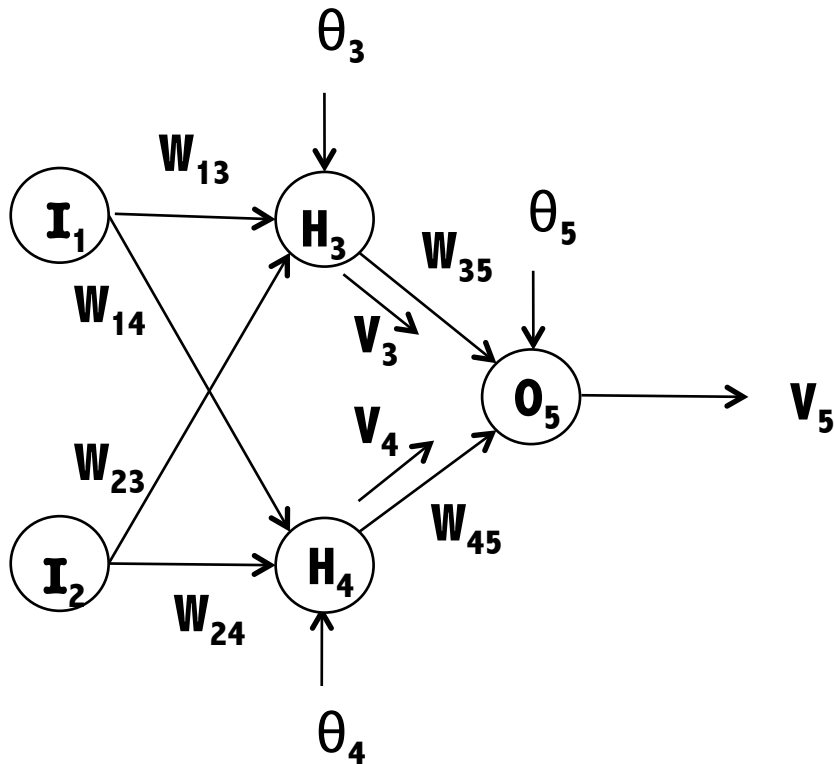


The XOR architecture



Apply the backpropagation algorithm to determine the weights for the XOR neural network.

- Run the problem with the learning rate, $\alpha = .5, .75, .9, .01$
- For each α , run the problem three times and comment on the variations of the number of epochs required for convergence
- What are the effects of the various values of α ?