

HW2

Input layer: Two nodes x_1 and x_2 .

Hidden layer: Two neurons: $h_1 = f(x_1 + x_2 - 0.5)$; $h_2 = f(x_1 + x_2 - 1.5)$

Output layer: One neuron: $y = f(h_1 - h_2 - 0.5)$