

- Given a one-layer Perceptron with hard-limit activation function. The weight matrix which includes biases is shown below. Draw the boundary corresponding to each node and identify each region by its corresponding binary output code. Assume that bias is shown in the first column.

$$W = \begin{bmatrix} -6 & 2 & 3 \\ 4 & 0 & 1 \end{bmatrix}$$

