

Q.4 Set. (A) Represent the image pixel points $(x_1 = 0.5, y_1 = 1)$, $(x_2 = 2, y_2 = 4)$, and $(x_3 = 3, y_3 = 6)$ in Hough parametric space ($m - c$ plane) and also determine the parameters of straight line passing through these points. Restrict $0 \leq m \leq 3$, and $0 \leq c \leq 3$. [7]

Q.4 Set. (A) Represent the image pixel points $(x_1 = 0.5, y_1 = 1)$, $(x_2 = 2.5, y_2 = 5)$, and $(x_3 = 3, y_3 = 6)$ in Hough parametric space ($m - c$ plane) and also determine the parameters of straight line passing through these points. Restrict $0 \leq m \leq 3$, and $0 \leq c \leq 3$. [7]