

# Assignment - 5

EE23010: Probability and Random Processes  
Indian Institute of Technology, Hyderabad

Aman Kumar  
EE22BTECH11006

Consider a triangle with vertices

$$\mathbf{A} = \begin{pmatrix} -2 \\ 4 \end{pmatrix} \quad (1)$$

$$\mathbf{B} = \begin{pmatrix} -4 \\ 5 \end{pmatrix} \quad (2)$$

$$\mathbf{C} = \begin{pmatrix} -4 \\ 4 \end{pmatrix} \quad (3)$$