

10.5.3.9

EE23BTECH11063 - Yellanki Siddhanth

Question:

Plot the points (x, y) in Table 1.2.29

x	-2	-1	0	1	3
y	8	7	-1.25	3	-1

TABLE 0

Solution:

Let us first define the points:

$$A \Rightarrow \begin{pmatrix} -2 \\ 8 \end{pmatrix} \quad (0.1)$$

$$B \Rightarrow \begin{pmatrix} -1 \\ 7 \end{pmatrix} \quad (0.2)$$

$$C \Rightarrow \begin{pmatrix} 0 \\ -1.25 \end{pmatrix} \quad (0.3)$$

$$D \Rightarrow \begin{pmatrix} 1 \\ 3 \end{pmatrix} \quad (0.4)$$

$$E \Rightarrow \begin{pmatrix} 3 \\ -1 \end{pmatrix} \quad (0.5)$$

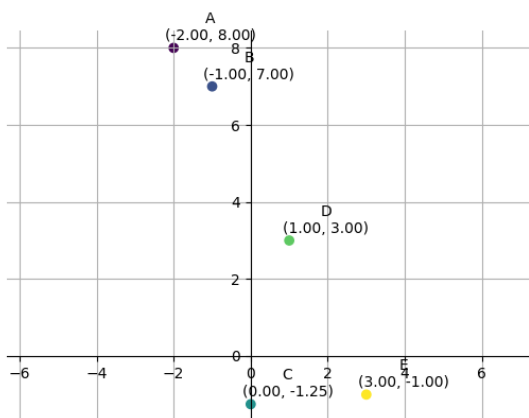


Fig. 0.1