

ASSIGNMENT-3

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1 QUESTION No-2.46 (CONSTRUCTION)

Draw a square $READ$ with $RE=5.1$.

2 SOLUTION

Let the vertices of the square $READ$ be $\mathbf{R}, \mathbf{E}, \mathbf{A}$ and \mathbf{D} . We obtain the vertices of the square as follows

$$\mathbf{R} = \begin{pmatrix} 0 \\ 0 \end{pmatrix}, \mathbf{E} = \begin{pmatrix} 5.1 \\ 0 \end{pmatrix}, \mathbf{A} = \begin{pmatrix} 5.1 \\ 5.1 \end{pmatrix}, \mathbf{D} = \begin{pmatrix} 0 \\ 5.1 \end{pmatrix} \quad (2.0.1)$$

Plot of square $READ$

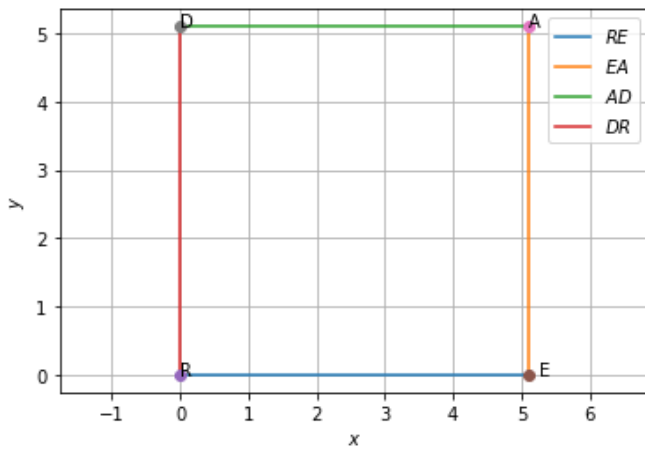


Fig. 2.1: Square $READ$