
Exercise 1 Find Q such that $\overrightarrow{PQ} = \mathbf{v}$ if

$$P(-1, 2, 2), \mathbf{v} = \begin{bmatrix} 1 \\ 3 \\ 1 \end{bmatrix}$$
$$Q(\dots, \dots, \dots)$$

Source

[Nicholson] W. Keith Nicholson, *Linear Algebra with Applications*, Lyryx 2021, Open Edition, Problem 4.1.10.