Functions,Linear Forms

LATEX

November 20, 2023

Linear Forms

1. Find the values of λ,for which the distance of point $(2,1,\lambda)$ from plane $3x + 5y + 4z = 11$ is $2\sqrt{2}$ units.

2. If the distance of the point $(1,1,1)$ from the plane $x - y + z + \lambda = 0$ is $\frac{5}{\sqrt{3}}$,find the value(s) of λ.