The vector form of the equation of a line lin 1R2 or 1R3 75 X=P+td, what pel, dto is a direction vector ex. Find vector and parametric equations of the line in P3 through the point P=(1,2,-1) parallel to the vector d= [5] $\begin{bmatrix} 2 \\ 4 \\ -1 \end{bmatrix} = \begin{bmatrix} 1 \\ 2 \\ -1 \end{bmatrix} + t \begin{bmatrix} 5 \\ -1 \\ 3 \end{bmatrix}$ 7(=1+5t y=2-t