ex. [x =x [o] + y [o] + z [o] = x e1 + y e2 + x B 7/R3= span(e1, e2, e3) ex. Find the span of [3] & [-3] $\begin{bmatrix} x \\ y \\ z \end{bmatrix} = S \begin{bmatrix} 0 \\ 3 \end{bmatrix} + t \begin{bmatrix} -1 \\ -3 \end{bmatrix}$ $\begin{bmatrix} 1 & -1 & | & \chi \\ 0 & 1 & | & \chi \\ 3 & -3 & | & \chi \end{bmatrix} \rightarrow \begin{bmatrix} 1 & -1 & \chi \\ 0 & 1 & | & \chi \\ 0 & 0 & | & \chi \\ \end{bmatrix}$ > Z-32=0, o Lenear Independence Def. A set of vectors Vi, --, V& is linearly dependent if there are scalars (i, --, Cp,