9[13

ctart vector equations'

Oef: A vector in (R 13 a pair of notes V=(Vz) deroting the live segment from (0,0) to (U, U) Fact. You and scale of and vocates; ie: you an complete "linear combinations" ex: let $\sqrt[3]{2} = (-\frac{1}{5})$ compte: $\sqrt[3]{2} = (-\frac{1}{5})$ $\sqrt[3]{2} = (-\frac{1}{5})$ $\sqrt[3]{2} = (-\frac{1}{5})$ $\sqrt[3]{2} = (-\frac{1}{5})$ $\sqrt[3]{2} = (-\frac{1}{5})$ Papillogan Me: If a vit EID, the BLOT is the UH, We have vectors like $\vec{J} = \begin{pmatrix} 2 \\ 3 \\ 4 \end{pmatrix} \in \mathbb{R}^3$ $\vec{V} = \begin{pmatrix} v_2 \\ v_3 \\ \vdots \\ v_4 \end{pmatrix} \in \mathbb{R}^3$ For vectors $\vec{V} = \vec{V} = \vec{V}$ (iii) . It add a vector , get some vector at 2 = 3 (iiii) 3+(-3)=0, (:\iii): ((\vartition + \vartition) = (\vartition + \vartition \vartition) (vi) : (C+2) 0 = (0+20) (11) = (cd) of . 1 = same Note: mambiguasty unite U+2-3) as J-V



