MECH 6300 HWZ $\begin{pmatrix} 1 \\ 1 \\ 2 \end{pmatrix}$ 1 (3-8) 1 3 -4 -1(1-5)=11-5-1 +1(2-3) = 5 = 0 Full Rank = Lincarly Independent b) (2+i) (4+i) (4+i) (2-i) (2-i) (2-i)(2+j)(2-j)-(+-j)(4)) (4×1)-(-4-j3-j4+3) +4+ firs+2 5-(1-17) = 4+17 = 0 define a

Full Rung basis in C? Linearly Indomplent this is derenta on the first 2.