HONEWORK 5 24 7 = x1-6x2+4x3=0 = x1=6x2 = 26415-flee = 2103 = 0 -1903=0 · Every linear combination of use is on element of Nul A 7 [6] & [6] are vectors that span NulA 4.248. 1 57:51-1=5+9+6 If Wisa Vector space & w contains 0 =) []=[] =) 5.0-1=0+2.0 -1-1=0. Since the 3 doesn't satisfy the condition of wad &w 1 Wis not a vector space 1 x1+3x2-3x3 =0 1 + System

2x2-5x3=0 uite have
a from Dorjoble of These vectors are linearly dependent I They are not bases of IR3

