A must exist [302 | 000] [1] span (2[i]} Tion 100 To 100 is subspace of 123 Ttoottoot 00-1-17 ici span(2[i], [i]) {

Not subspace of p3 10011007 00M 0-1-1-1 - not conservative b/c

columns don't add to

2. Whiked alone throughout Ais Linearly Be you can not det ermine the directions of P3 and 104 Indepitis invertible: $-\frac{4.a}{[012]} \left[\frac{100}{2} \right] \left[\frac{4.a}{\omega} \right] = \left[\frac{\epsilon_{i}}{\epsilon_{i}} \right]$ (1) basis of rul(A) = 2[3] } ii. No, because the null space is non-trivial b) If UV=3, +(ven けんけっかっちつ By def, colly) acein nul(U) as U= 3 = [2000] implies & is in the nullspace. 5a) - S S - LI = [-/ -/] >B exists d'et(5 - 1 + 1 - 12 h2

EE HIW #5 S[O] Espan 23, 3 = a+b[:7 => 5[m] = B = of 2" 17 A[-c]: (a-c)[-c] = (1-b) [-c] n-200 => S[n]=)t00. 12-a-c=d-b Paud Juil have 7 = [-0] infinite hatred a infinite love 1=25.0+25-0.25=1 1= a-c= 0,5 1+2=3 c) it 3 Espan & [133 () S(0) E span SJ. 3 then it is a steady 5[h] =23"·v" _ = ± 00 state. S[0) (ESpan &V2 } Pwill have infinite love fort Hard Twill have a hatred for R S[1) = 24, 0 S[n] = ol (") OP vice versa P(6)>0 and J[0]20 FA=0.5, 1=>0 ラs(m) > 方. P[0] 20 and J[0] >0-Rand J will be weited it) S[0] Espan Et & 5[17] = X(-1) V Same intensity switch They both feel the same voy at early ste?