التاريخ،
Liner Combination
StePS:
X-CIVI +CRV2+ +CNVA (iojie)
Simil mater sou dio la
has solution Utilo-clasistem douposeis
Viction NC Science
EX s.
15 Possible express x = (2,1,5) ER3 as linear combination of vectors
$V_1 = (1,2,1), V_2 = (1,0,2), V_3 = (1,1,0)$ Sol:
let X-CIVI + C2V2 + C3V3
(1,5)=C(1,2,1), Co(10,0) Q(1,10)
$(2/\sqrt{5})=C_{1},2C_{1},C_{1}+C_{2},0,2C_{2},C_{3},C_{3},0$
2 C1+C2+C3=2 R2-R2-2R1
100,1,C1-1 R3-R3-2R2
6 1 0 2 C2 - 2 XIS linear a 1 1
10 0 1 1 1 C3-1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
EX: 6-5 = {(2,1,3), (1,0,1), (2,1,2)} @99abadleixosis
is the VECTOI (5/5/8) a linear combace 2 average
(31310) = CILZII,3) + C2(1,0,1) + C3(21,2)
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
3 1 2 (8) 3 1 2 8 R33R7 0 1 0 -5 13 10 10 -5
The system has exactly 1 sol + 13 alin comb.
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
100-11-21 001:21 0C3=2 2(21/2)
محمد و امير د



