

Because we want C₁ C₂ C₃ to multiply A with an x with 3 entres. -4D Ct Cz, Cz ære vectors in Ry (tale liveur combination of Fresults to A) A(xp+c.xspb for any number c C20 [A · xp = b] # 0 C=1 A(xp+Xs)=b) J [Axp+Axs] $A \cdot x_s = 0$ Calculak C1, C21 C3 $X_0 = \frac{1}{2}$

Solvy simultureurs equations:

$$\frac{c_{3}z_{2}-2c_{2}}{c_{3}z_{2}-2c_{2}z_{3}z_{3}}$$

C3 = 2.6 $X = X_p + C \cdot X_S$ Aox20

[diversion]

Lagrenal

Lagrenal

Solution rank (A) 23-1 (columns-drin()) = 2 := # liveer independent colums. R=DC, not a multiple of b & So if the C, was also a multible of b as the concare

Then the ank will be smaller than LD # This cannot happen