ways, es, attitudity define x3 = x = 0 \$ solve A particular salis causes derived in more or less syltematic All solutions one of the form xo+ N(A), where xo is a -> All solutions one of the fram x = [*] + [0 0] 5 parhoular salin and N(A) is the noll space of A. NG) cambe defined in terms of vectors whose spour is [2] [] = x=1, x,=-1 (but we must have initially observed that [; ?] is morningular).

win N=+x0 1, or stuply by thing the formula Xmu = ATCANT b = (= 0)(2-4)+(1)= 0.5 かの元、べ

is unique. It can be computed by X5=(ATA) ATD-> A too touk 2 - it will space is trivial - the minimiter

We have fig(A)= 1,1,2 00 人(かーち) = ん(いいい) やめいんだと = 2 Jordan blocks compand to x=1 = かかい

J-[', 2].

for the next of the computations the agricultar mouthing : E= (000 Ya Elot = 100 1000 prist pear an order) so Y=Ele

e = Ee E = [:00 05m] [:00 -1] " (et o ex/d) (100-1) (et o ex-et-1

#8) of = 68(ATA) = 68(AT) = 68(AT) = 0 = 101.

#9) Visity Had (1 0) (1+06 0) (1 0)=(1 Taking determinants of both sides (1) (1) = (1) (1) = (1) (1+(1)) 1404

So for a solar allo & the (1+abr) = 1+abr.