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 619(A)= 1,1,2 50 N(01-1) = N(000 1) = 0 0 N(NI+) -2 = 2 Jordan blocks compand to half = かと

J=[', 2].

for the next of the computations the agricultar mouthing : E= (000 Ya Elot = 100 1000 שוא מד מפטי שו osm so A=EJE

# EB E = [:00 0577] [ 00 0 1777] 1

" (ot o e3/d) (100-1) (et o e2-e+

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

#9) Visity Had (1 0) (1+06 0) (1 0)=(1 1455

Taking determinants of book sides So for a solar allo & the (1+abr) = 1+abr. (1) (1) = (1) (1) = (1) (1+(1))