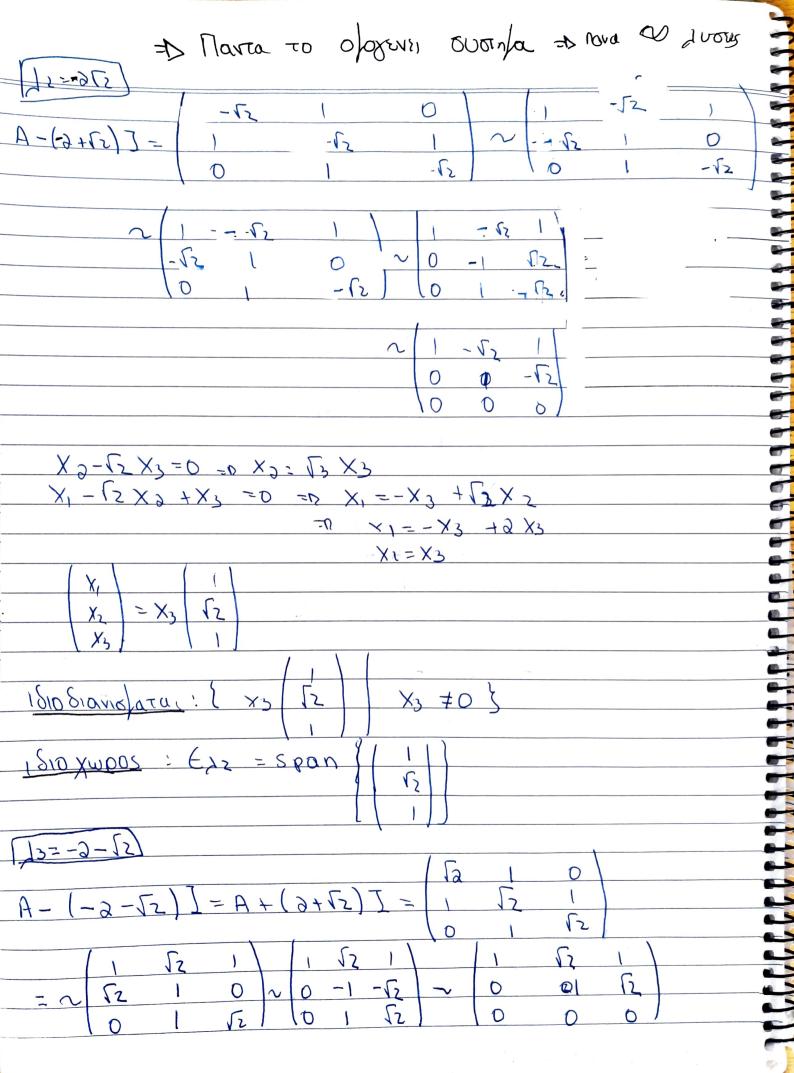
17/11/2020
Napabusta
1-3
$A = \begin{pmatrix} -3 & 1 & 0 \\ 1 & -3 & 1 \\ 0 & 1 & -2 \end{pmatrix}$
M. a. c.
Na BP2000 - 00 18107/15, TOL 18108/019 2 01 18107/15.
del(A->I) = -2-> 1 0 1 -2-> 1
1 -2-7 t
-2-> + (-2->) -2->
0 -2-}
$=-1(-2-1)+(-1-2)[(-1-2)^2-1]$
= (1+2)-(1+2)(22-14/+4-1)
= -(1+2) (-1 + 12 + 41 + 3) $= -(1+2) (-1 + 12 + 41 + 3)$
= - (1+2) (1-12+62) (1-12-62) (1-16-8=8
1= 4+ 18=4+ 2/2
- 3 = 65 10101/82: 71=-9, 75=-9+15 / 5 = -9-15
1010101===============================
101~010
1010/000
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
$X_{\lambda}=0$, $X_{1}=-X_{3}$, $X_{1}\in\mathbb{R}$
$\begin{bmatrix} X_1 \\ Y_2 \end{bmatrix}$
$\begin{pmatrix} x \\ x \end{pmatrix}$
1010 51 avojara: (x3 17) 1 X3 ER, X3+0 5
10,0 Xm602 = FX'= 260U [[i]] = NM (V+9I)



```
Dewona: Av A rai B ofoios nxn nivarcos TOTE EXOUN
                                                                                   TIS ISIES ISIOTALES ( JALBAVOVIAS UNOVIV TAV
                                                                                       alxebourn rossansornia).
Anoseyn: - Eoro A=PBP-1 = B=P-1AP
                                                      B-/I=P-, AD-/I=D-, AD-/b-, ID
                                                                                                                                                                                                = P-1 AP - P-1 (/I) P
= P-1 (AP - C/I) P
                                                                                                                                                                                                   - P-1 (A)-1I/P
                    det (B-) ] - det (P-1 [A-] [) P) = det P-1 - det (A-) 2) det P
                                                                                   = det (A-1z)
                          det(B-12)=1 det (A-12)
                Apa or A,B Exavy TO 1810 Yap najvovujo.
                                 lapa SIES 1810THES LE 1810 MOLYANZOTATA)
Ersiappopare no ajanta de Siagurio nivara
0.x. A = \begin{pmatrix} 7 & 2 \\ -4 & 1 \end{pmatrix} = \begin{pmatrix} 5 & 0 \\ 0 & 3 \end{pmatrix}
= \begin{pmatrix} 7 & 2 \\ 0 & 3 \end{pmatrix} = \begin{pmatrix} 5 & 0 \\ 0 & 3 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & -1 \end{pmatrix}
= \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 5 & 0 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 5 & 0 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \\ 2 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 & 2 \\ 1 & 1 \end{pmatrix} = \begin{pmatrix} 7 &
                        Apa A ofgo /2 D
                   Apa detA=15 = detD
                                                                                          181071/25 TOU A=181071/55 TOU D = [3,5]
Enions A^{k} = P D^{k} P^{-1} Val D^{k} = \begin{bmatrix} 5^{k} & 0 \\ 0 & 3^{k} \end{bmatrix}
```

Opiolos:
EVOS TETEGRANICOS MIVOROS DEGITOR SIQUINDADINOIPOS NO SIQUINO-
Moinoilos av Ervai ofoios de Slagurvio nivara
Demona Diagnivonoiner ou nivara
Na Eva nxn nivara A, Ta arozovba Evar 1008vvaja
1) O A EXEL IN SOUTHING AVIJAGITATION , SIGNINGATOR
Majiora av A-POP' onou O Siazwivios nivaras TOTE a P
EXEL WS OTRIES ON DOOLING ONGOPTATA ISOSIANISTA TOU A KAI
TO GTOLYZIA 16 TOU D EWAI 181071/ES TOU A
Anoscijn (D-120) => Eorus A Slazuvonijos / A=PDP, O Slazuvios
D AP=PD
٦
Enw P = [P, P2, Pn]
AP=[AP, AP2 APn]
$AP = \begin{bmatrix} AP, & AP2 & -1 & APn \end{bmatrix}$ $Ka_1 av D = \begin{pmatrix} \lambda_1 & 0 & 0 \\ 0 & \lambda_2 & \lambda_n \end{pmatrix} TOTE DP = \begin{bmatrix} \lambda_1 P_1 & \lambda_2 P_2 & \lambda_n P_n \end{bmatrix}$
(0 . 74)
EGODOV AP-DP =D AP = 1P1, AP2 = 12P2 APn=1nPn
P, I SIO SIQYVE ATOL TOU A
Pz << A
-O :
L Pn ZZ A
PI, Pz, Pn jed ovejapinta us otajes Tou avitorpevidou nivaica P
1) => (2) Eaw P, Pz, Pp Jeyl ave)apTnTa 1810 SanofaTa TOU A
ETW P=[P1, P2, Pn]
Noto jeaf avijaptnoras, Pavierpiwijas
$Kai D = \begin{pmatrix} 1 & 1 & 2 \\ 1 & 1 & 2 \end{pmatrix}$
Kan 0 - (O o An
TOTE BRIDGOVE ONON APIN TO AP=DP