gon. Benjopure e, ez, es oppasybar Tasuc Ha тимерного пространство V. га се доками че Severoprire al, az, as voing oppossibar vasue na Vu ga ce namepar noopgunarure na Beneropa V = 201+202+203, Mb 3090: a) a1 = 2e1 + 2e2 - e3 5) a1 - e1 + 2ex + 3es az=2e1-e2+2es az=2e1+5e2+7es as=-e1+2ex+2es as=3e1+7ex+11es OTT: V= = 3 a + 3 a 2 + 3 a 3 OTT. V= 8 a 1 - 2 as Tag-boro J. rowrest narus na magazagnara sap. 5 Da ce sonasuerre 6-pure \$1(x) = 1 + x oppasylar Tasue 40 123 [X] Da ce hamepat rospenhature na nominona p(x) = 2 - x + x 2 E | | TXI cupano gozu basuc A-60: JAKO F1, P2 y F3 ca M3, Fx np-Botoe Tpunepro F1(x)=1+x -> V1 = (1, 1, 0) 92(X)=1+X2->V2=(1,0,1) $f_{3}(x) = x + x^{2} \rightarrow v_{3} = (0, 1, L)$ $f_{3}(x) = x + x^{2} \rightarrow v_{3} = (0, L)$ $f_{3}(x) = x + x^{2} \rightarrow v_{3} = (0, L)$ $f_{3}(x) = x + x^{2} \rightarrow v_{3} = (0, L)$ $f_{3}(x) = x + x^{2} \rightarrow v_{3} = ($ A3=P=> A2=-P J-P-P=0=> P=0=> A1= A2= A3=0 A1=-P J-P=0=> P=0=> A1= A2= A3=0

143 c-ma 6-pu => nonutronure f, fz u fz oppasybat Tassuc 49 12 [X] $P(X) = 2 - X + X^2 => V = (2, -1, 1)$ MIV1 + M2 V2 + M3 V3 = V= (M1+M2, M1+M3, M2+M3)= (3-1,1) $|\mathcal{M}_1 + \mathcal{M}_2| = 2$ $|\mathcal{M}_1 + \mathcal{M}_3| = -1$ $|\mathcal{M}_1| + \mathcal{M}_3 = -1$ $|\mathcal{M}_2 + \mathcal{M}_3| = 1$ $|\mathcal{M}_1| + \mathcal{M}_3 = 1$ $\sim \begin{pmatrix} 1 & 1 & 0 & 2 \\ 0 & -1 & 1 & -3 \\ 0 & 1 & 1 & 2 \end{pmatrix} \sim \begin{pmatrix} 1 & 1 & 0 & 2 \\ 0 & -1 & 1 & -3 \\ 0 & 0 & 2 & -2 \end{pmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \begin{vmatrix} 1 & 2 & 2 \\ 0 & 0 & 2 & -2 \end{vmatrix} \end{vmatrix}$ 0 2 => (MI) (0) | voopenstarure 0 2 => (MI) (0) | voopenstarure 1 -1, 1) (2, -1, 1) (2, -1, 1) (2, -1, 1)

gless. Egro M e repairemento, ano noutremanda Fasue, orchony ce or upaen opour Benjour. Avo ne monteniale répaint vassie, ro no é vesupanthomepho.
3do. Hyreboro np-60 301 He npuresuala Januc mp; Fn, Mn(F), Fmxn, Fn+txJ-npaultomephy FLXI- Scripcultionepho Deute Pashephor Ha estro repairementes 11 V Hay enanoboro none F rapurame opos 79 Benjopure & voui ga e sassic B 49 V Dedo. Passiephocita na Soi e 0; passiephocita Ha Eesmaanonepro 10 novemanie 99 e 00. Oznarense: olins = olim V V-vpauthonepho => dimV=n, and B= 361, 6mil V-soiz=> dimV=0; V= Sesupautho repro => dimV=10

mp. 1) Fn, Seith e Fasue Ha V = rolin V = n 2/Mn(F), & Eij 4, j= Le vasuc => dim V-n. n=n 2 3) F"+1 [X], 31, X, X2, ..., Xny-Tasuc => dim V = n+L 4) F [x], 51, x, ..., xx, ...] - Fasuc => olim V = 00 3ag. 6 Heng Ve musicals and or Hapegennie neropku c peaune mana, r.e. V= Sv= (X1, X2, X3, X4, X5) | Xielky, Hena U = V 9 anola 2e: N= {VEV | 3x1-2x2+xy-6x5=09. 8a ce genarie, re U e MM Ha V, qui ce onjegem dimy uga ce namepu egun basuc 4a U 2-80: V = 12 u V e MN Hag 12 (Usbectus or upullepure 39 MM) NEV, Ve MM. Foralog U = V C=> 1) UI, UZEU = 7 U, + UZEU 2) 2012, UEU=> JUEU Torala nena Esevien 2 monstonen nerophin or Wi Mz = (x1, x2, x3, x4, xx) 3x, -2x2+x4-6xx=0 N2 - (71, 42, 45, 44, 45) 34-242+44-645=0 UL + U2 = (X,+41, X2+42, X3+43, X4+44, X5+45), u gam 3(x1+y1)-2(x2+y2)+(x4+y4)-6(xx+yx)=0 => 3x1+341-2x2-24x+X1+44-6xx-64x=0 -> ea => M1 + 42 E U Hera Eseven Jolk u 4eV: W= (X11 /2, X3, X4, X5) 13x, -2x2+X4-6x5=0

A.W = (Ax1, Ax2, dx3, Axy, dx=) dam: 32x1-21x2+1x4-61x==0 2(3x,-2x2+X4-6x5)=0 -> ga=> Lue U =>U = V Fague Ha U: Or gagenoro & junobuero sa enemerature ma U $X_1 = P$ $X_3 = Q$ $X_5 = \frac{3X_1 - 2X_2 + X_4}{G}$ X3= V X5= 3p-29+5, 1912, 1,5 e/R $= \gamma V = \left(P, q, \Gamma, s, \frac{3p - 2q + s}{6} \right) \left(\frac{3p - 2q + s - 6}{6} \right) \left(\frac{3x_1 - 2x_2 + x_3}{6} \right)$ V=(p, 9, 1, s, 2p-32+6s)=p(1,0,0,0,5)+ +9(0,1,0,0,-13)+1(0,0,1,0,0)+ +5(0,0,0,1, 1) => Torsuc Ha W: {(1,0,0,0, \frac{1}{2}),(0,1,0,0,-\frac{1}{3}), (0,0,1,0,0), (0,0,0,1,6) => dim U = 4

309.7 a) dagens e misarecrosso; V= { (an o ans) | all, ans, ase, asi, asselley u MM-Ecra: N= 9 AEV as3 = a13 1 u W= SAEV a13+ as1+ as1 = 0 } Да се докаме, те V е минесть пр-во нас IR ушпочиение на нагрија е шаго. Да се наriepri egun neros Taxue i ga ce onjegens pasheprocota my Penneme a) 34acm, ce M3x3 (/k) e M1 Hag/k V = M3x3(/k) => me sonaouem, re V e An, +.e: V = M3x5(R) A= (a1 0 a13) eV B= (B11 0 B13) eV B= (B11 0 B13) eV => A+B = (a11+611 0 a13+613) E V (a31+631 0 a33+633) E V 26/2 u M = (m11 0 m13) 6 V AM = (2m11 0 2m12 0) u 2m1, 2m12, 2m2, 2m31 0 2m33) u 2m1, 2m12, 2m32 6/2 =7 V e Mn Ha M3x3 (//2) => V = M3x3 (//2) => Ve Mn Hag /R -16-

+
$$a_{31} E_{31}$$
= $7 \delta a_{31} c$ ($1 \circ 0 \circ 0$) $1 \circ 0$

=> Fague Ha W: $\{(0,0,0),(0,0,0),(0,0,0),(0,0,0)\}$ passingresor, drim W = 4 6) Hera A = (2 0 -3 0) Da ce onpegen 39 vou 2 u y A e Bentop ot NN U 21 39 vou - ot W ? A e U => a13= a33=> M=-3, +16/h ? ACW =7-3+2+ M=0=>2-3-M, YMCK gon Dageno e AN Hag IR V = M2x3 (IR). Dagenura u aregnure nogrumoure coba: M1 - { (M11 M12 M13) | M11 + M22 + 2 M23 = 0 } M1 - { (M21 M22 M23) | M11 = M13 $M_2 = \left\{ \begin{pmatrix} m_{11} & m_{12} & m_{13} \\ m_{21} & m_{22} & m_{23} \end{pmatrix} \middle| \begin{array}{c} 1 - m_{12} = m_{23} \\ m_{11} = m_{13} = m_{23} \end{array} \right\}$ La ce emperon kou ot resu noquenomectos, ca NN Ha P, u ga ce Hamepu Sasue Ha resu, Kouro ca

Има на подпространства. Размерност на сумата на две подпространства. А пречена сума Ha wogupoctpoutches ! Sagara: ACAZ corenue Ha mouseonna opamina or подпространова стощо а подпространовь 2-60 Herra V e MM mag c. none F u neva U = V u W = V: U = V => \d, BeF, \d, beU = \La+p6 e U W = V => Y x, BeF, Ya, BeW=>/Xa+BBEW nogup-boro c vocat. of For V) -> V d, BEF 2=> Xa+BBEUNW Va, BeUNW1=> Xa+BBEUNW JUNWEUUNNEW WOMM (UNW) = dimu, dimW) Яссе (за суща на подпр-ва-та също е подпр-во) Hera VI, Va, ..., Vs ca nogupolapancha má numerinomo reportpancies V. Mog cylia VI+ V2+...+ Vs Ha Tesu magnescripanciba me pastupanie mome croso or + beveropu veV, + re J=VI+V2+...+ VS (+.e. I marie ga ce reprédeu varo cyura na Genropa), x6880 Vie Vi, i=1,5 IB. Hera Ve M u VI u Va ca rpatitionephin nogry-ba Ha V. Toraba mporpanorbara VI+ V2 4 VITV2 voujo ca repondranceprus u. im (VI+V2) = dimVI+ dimVa-dim(VIAV2 Teopenia sa poismeprison na cymara na nogupocopaneroa Dest Hena Ve M. Me randamerce Ve supersus unia na nogupoctpandoura en VI,..., VS, ano 6 cenu Berrop VEV ce upegraba no egunorben maeun varo duna V=VI+ V2+...+ V5, voggo Vie Vi, i = T, S. A upersta agua ostarabane fara: V=VLOVAD DVS

-1=

TB. Hera V- AT U VI, V2 & V. Toraba V= V1 + V2 (Vegupentha cyuna ma nogrip-bara en VI u Va) <= 1) V= VI+V2 (Ve cyne na nogrp-bara en VI uVa 2) VINV2 = 509 1) Hera Genergiuse er, en, en orpasybar sasuc Ha V V1=3 des +d2 e2 + ... +dnen | d1+d2+..+dn=09 V2- 8 BLEI+ Pala+ + Buen | B1 = B2 = = Bny Da ce govariere VI u V2 ca memperparicre q 719 VUV=VIOV2 DONGLATEROSEO VI: Hera VI'u VI'EVL Vi = die + dien + dien | di + di + ... + du = 0 V_"= d_1 e1+ da" eat - + di" en | di" + da" + - + di" = 0 1.30 ga obje VI = V, 70: [V] + V2 E VL L3a LEF: ALVLEVL VitVa = Lietdaeat. + dn'en +di"estdaeat. +dn'en= =(d1+d1") e1+ (x1+dn') e2+ + (n'+dn') en (dita") + (da'+da") + ... + (dn'+dn") = 0 => ga: Li+di"+ da+ da"+ -. +2n+2"=0 => V1 + V1 & V1 V1 = V Henry LLEF U HENRY Brewen VI: AUL = 4(die+ +dala+ ... +dn'en)= = Adies + Adaes + ... + Ladren = 0 u gam Andit Andit + + Andri = 0: 1. Adi+ da'+...+du') = d1.0 =0 => 40

V2 Hera V2' u V2" E V2 V2 = Biles + Biles + Bilen | Bil = Bil = Bil V2"= Bi"a+B2" e2+ -- + Bn"en | B1 = B2" = ... = 12n 1.30 ga 50ge V2 = V, TO: V2 + V2' E V2 3a AzeF: Ava'eVa V2 + V2" = B2 ex+ Baez+ + Bneu+ B"ex+ Ba"ext. + Bnen] = (P1'+pi') e1+ (pa'+pa") e2+ ...+ (ph'+ph') en gary: (B'+13") = (Ba+13a")= - - (Bn+pn")-68a = 7 V2 + V2" e V2 1 Hera AzeF n Hena Brenen V2: Dan 12 V2 e V2? 22 = 22 Bie, + 22 bien -> paru 2/2 |31 = 1/2 |31 = - = 2/2 |3n' -> ga => A2 42' E V2 (2) Jena VI EL TRENEN NEMENTAL TE 040 u2 => V2 = V no roouw A = 1/2 (21+22+...+2n) Attora Ba: V=((21-2)e1+..+(2n-2)en)+(de1+.+den) (21-2)ex+...+(2n-2)en 121-2+...+2n-2=0 Ast. + Am - W. A Land 2ext. - . + Len é V2, zangoro A=A...= A => V=VL+V21)

=3-

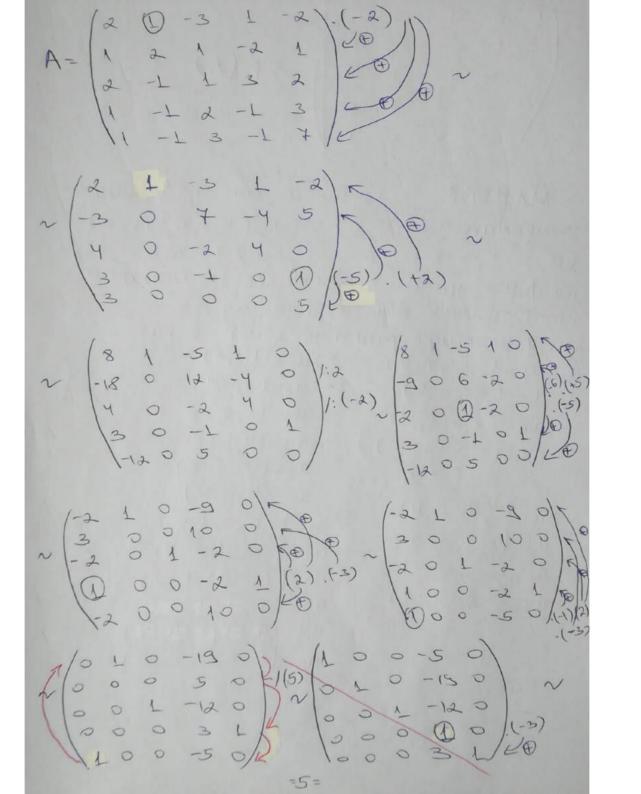
da genychen, te VINVa + SOI u Meka Ve VINV => V= Aer + ... + Aen u 2,+ ... + An=0, saugaro VEVINV2 => VEVI Croup rang V= Aze+ ... + Inen u di=da= ... =dn, 3augoro VEVINV2=> VEV2. FORCT: 12= 42= ... = 2n 2=> 21= ... = 1n=0 12 + A2+ ... + An = 0 => V= 0. 9 + ... + Den = 0 => V=0 11 VEVINV2 => VI (V2 = 804 2) = SVL DV2 = V Ha vpainoueprioro MI V u ve npousonto IN viens, x = n. Aus VI = e(e1, -, ex), V2 - e (ex+1, ..., en), ea ce govarue, re V=V1⊕V2 OFPORTE, and TI= VLOV2 u Ce, ..., en e Fasue Ha VI, 9 en+1, ..., en - Fague Ma Va, 90 ga ce gou, C1,..., ev.; ev.+1,..., en e Faisne Ha V, Brackwer dim V = dim VI + dim Vz DOVASATENCTES: (VI= e(e1,..., ev) 2 V2= e lent,..., en) (=) (=) Or ex, en- Tasue H9 V => V= e(e1, ..., en)= e(e1, ..., en) + e(ex+1, ..., en)= = V1 + V2 1) Three vevilve => V= ALPL+ ... + ARER 70 V= Axtelx+1+ + + Anch S => 0 = 22 ext ... + dueu + (- 2x+) ex+ t... + (-2n) en the ex, -, en ea NHB 8-pu, saugero of parybar

Dasne Ha V =7 equal Behara AL Ha es, -, en e ry rebara, r.e: At = == - Au = Au+1: -- An = 0 => V= Dey + . + Dex + Dex+1+ . + Den = 0 => V=0 & VL AV2 => VI AVa = 801 2) 0-1) u 2) => V= V1 @ V2 T.e. ex, ..., en ca NHS (shaem, te V-VID V2) Hera All + ... + Aulk + Akti Cutit. + Anen = 0 Vi= Liat... + Avence VI 1/ V2 = Autientit. + Anen e V2 21ext. + dren = - Artherton - Inen = = - (Antientit... + Inen) => V1 =- V2 E V1 AV2 = {V1 = V2 = 0} -> 04 +060, Or es, ..., en - Jasue Ha VI Jas -- - An- Anis - ... - An = 0 => e1, ..., en ca Ms [e1,..., en or paybox rasuc V=V, \(\OV_2=7V=e(e1,...,en)\)? Ha V OT IB: dim (V1+V2) = dim V1+dim V2-dim [V1 AV2) => dim(V1+V2)=dimV1+dimV2 3augero V1 NV2=301

Рант на система вентори и рант на Dea Hera Ve MT, a VI, V2, ..., Vn & V. Kasbaug re noguromecoto SWI, Wa ..., WLY Ha SVI, Va, , Vn's e man amaing mineritio Hesabulung nogenioreng (MAH3NG), avo: 1) W1, W2, --, WK Ca 143 2) Bours Shith Bensoh ne N 6 mineral communations Ha WI, WZ, ..., WK (Kouro u Benrop Ve V ga goda) Bun von cucrenara AH3 6-pu Wi, ..., Dk, 99 cra-69 13) mp. 1) V=12, V1=(1,1), V2=(2,2) SUL, V23 HÉ e MNH3nc, saugoto: JULY-NH3, 20 gotabaany V2=212,72 cra-SUZY-NHZ, two gotabanium VI-ZVZ, ta craba 13 => MAHONC Ca: SULS, SUZY 2) V=1/23, VL=(1,1,1), V2=(2,2,2), Vs=(1,0,3) =>MNH3MC: SUL, V39 USV2, V39 Teappenue Brogg Ha Benjoure & egna MAH317C e eque u oray (Te varrogo a ma pou MAMSAC ga uname 3à gazeno Np-Bo, to Tp697 Ha Beisto. pure vour yzadoar 886 populipanero um, e equariony). Bunga ce 8 uprincepure 1) 42) Ded Hera V-Mn i Sar, any ec-Ma Genropu or V. Parer Ha cucremara 6-pu gar,..., any desnarabane (as,..., ax)=v is raceauce, re god e I, and I I Ha Tpou al, ..., ar Mr3 EENTOPU, Wager V = K, is Ecensi gpyr Ecurop aj, viscero ITT, e numeroma rombuhanjus ma extrapure al, ..., av, re I e opost na Bengan

me Ha extra MAMBAC OT Sail Sat T (a1, -, an) = T = dime (a1, an) Nogero Sat, ..., and - Jasue Ha V To Ano currencia Benjoya 61, 82, ..., Ex ce nomizada or encremara Benropy as as ..., an epes en eurapeu npesparybang Bapay noopelimarire ma seuropiere ai, às, .., an , rol pariror STE CE MPOMERA, T.e. T(BI, Bx, ..., BN)= r(a1, a2,.., ax) Hera mane marryara Ac Fmxn: all aiz ... ain el A= azi azz - azn leze Fmxn lame ama - amn lem Deop. Heva V = min (m, n). Muttop or peop 1/2 (12-94 peg) 30 Marphyara A naporanie детернинантата Д на квадратна подматpulsa or peg 4, ospanybana or non ga ca K pega u K cozna na marrugara A; T.c. D= aisje - aisje L= iz < cir < m aisje - aisje L= jz < je < n aisje - aisje Muriap or K-Tu peg 1 Beneraum: M(it, ..., ix; &t, ..., dx) 13 ат. Интересувание се от ненулови минири

Deace Hamepu pouterer ma c-mara 6-pru al, az. U MAMBRE ma rasu cucrena, usgero: a) al=(2,1,-3); a2=(3,1,-5); as=(1,0,-8); Q4-(4,2,1); Q5=(1,0,-2) $\frac{01}{2}$ $\frac{2}{3}$ $\frac{1}{4}$ $\frac{-3}{5}$ $\frac{61}{9}$ $\frac{61}{9}$ $\frac{0}{1}$ $\frac{11}{16}$ $\frac{1}{16}$ $\frac{11}{16}$ $\frac{1}{16}$ $\frac{11}{16}$ $\frac{1}{16}$ $\frac{1}{16}$ => r (a1, a2, as, a4, a5) = 3 MAHORC: Sas, 61, c21, no re ea nongrem ot gas, ai, a 23 ets exementaprin upeo-Epasybanua. δ) α+=(2,1,-3,4-2); α2=(1,2,1,-2,1), as=(2,-1,1,3,2);ay=(1,-1,2,-1,3); as=(1,-1,3,-1,4)



$$= \begin{pmatrix} 1 & 0 & 0 & -5 & 0 \\ 0 & 1 & 0 & -18 & 0 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} = 7 \Gamma(A) = 5$$

=> MAH3AC: { a1, a2, as, a4, a5 y, saugero nongreture: (1,0,0,-5,0), (0,1,0-19,0) (0,0,1,-12,07,(0,0,0,1,0),(0,0,0,0,1) ca NHS, no ca nongrenu d's encuentapren messpasybanus 6/4 a1, azas, a4, as gon. Ja ce Hamepu partiti Ha e-Mara 6-pu! 1) al = (5,4,7,3) 2) al = (1,1,2) A) al = (3,8,2,L) @ al = (-2,-2,7)

as=(2,5,1,-1) 0s=(0,5,5)

ay=(0,3,-2,-1)

3) 01=(3,5,-13,11) (d) ag = (3,-1,3,-3) as= (3,2,-5,4) ay= (3,8,-21,18)

ay=(4,1,3) 05= (-2,-5,-9) a6=(6,6,12) y) ax = (0,6,6,1,0) az=(3,1,1,0,0) as=(1,-1,3,1,-2) ay= (-2, 3, 1, 0, 1) as=(2,3,5,1,+) a6=(1,-6,4,2,-5)

2 &a ce namepu pannot na marpunata:

a)

$$A = \begin{pmatrix} 3 & -4 & 5 & 3 & 10 \\ 3 & -4 & 5 & 3 & 10 \\ 3 & -2 & 1 & 0 & 0 \\ 4 & 1 & 0 & 1 & 0 \\ 15 & 12 & 2 & 1 \\ 10 & 1 & 2 & 3 \\ 2 & 3 & 4 & 1 & 0 \\ 13 & 14 & 15 & 16 & 0 \\ 2 & 3 & 4 & 1 & 0 \\ 13 & 14 & 15 & 16 & 0 \\ 2 & 3 & 4 & 1 & 0 \\ 13 & 14 & 15 & 16 & 0 \\ 2 & 3 & 4 & 1 & 0 \\ 13 & 14 & 15 & 16 & 0 \\ 2 & 3 & 4 & 1 & 0 \\ 13 & 14 & 15 & 16 & 0 \\ 2 & 3 & 4 & 1 & 0 \\ 13 & 14 & 15 & 16 & 0 \\ 2 & 3 & 4 & 1 & 0 \\ 3 & 4 & 1 & 1 & 0 \\ 3 & 4 & 1 & 1 & 0 \\ 3 & 4 & 1 & 1 & 0 \\ 3 & 4 & 1 & 1 & 0 \\ 3 & 4 & 1 & 1 & 0 \\ 3 & 4 & 1 & 1 & 0 \\ 3 & 4 & 1 & 1 & 1 \\ 3 & 4 & 1 & 1 & 1 \\ 4 & 5 & 6 & 1 & 1 \\ 4 & 6 & 1 & 1 & 1 \\ 5 & 6 & 1 & 1 & 1 \\ 6 & 7 & 1 & 1 & 1 \\ 7 & 7 & 1 & 1 & 1 \\ 7 & 1 & 1 & 1$$

8)
$$(14 - 27 - 45 - 112)$$
 (-1) (-1) (-1) (-1) (-1) (-1) (-1) (-1) (-1) (-1) (-1) (-1) (-1) $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 55 - 96 - 227)$ $(-29 - 56 - 227)$ $(-29 - 56 - 227)$ $(-29 - 56 - 227)$ $(-29 - 56 - 227)$ $(-29 - 56 - 227)$ $(-29 - 27)$ $(-29$

9 ()
$$\lambda + 2 \neq 5 \Rightarrow \lambda + 3$$
 () $\lambda + 2 \neq 5 \Rightarrow \lambda + 3$ () $\lambda + 3 \neq 5 \Rightarrow \lambda + 3$ () $\lambda + 3 \Rightarrow \lambda + 3$ () $\lambda + 3 \Rightarrow \lambda + 3$ () $\lambda + 3 \Rightarrow \lambda + 3$ () $\lambda + 3 \Rightarrow \lambda + 3$ () $\lambda + 3 \Rightarrow \lambda + 3$ () $\lambda + 3 \Rightarrow \lambda + 3 \Rightarrow \lambda$

$$\frac{\sqrt{1-t}-1}{\sqrt{1-t}-1} = \frac{1-y}{\sqrt{1-y}-1}$$

$$\frac{\sqrt{1-t}-1}{\sqrt{1-y}-1} = \frac{1-y}{\sqrt{1-y}-1}$$

3 Da ce namepu pantit na marringara é sabu-

Y=(A) V <=

$$\frac{1}{3} - \frac{1}{4} - \frac{1}{4} = 0$$

$$\frac{1}{4} - \frac{1}{4} =$$

στοβορ: L)
$$A = -1$$
 ω $\forall \mu$: $\tau = 4$ ($\Gamma(A) = 4$)

 $A \neq A \neq -1$ ω $\mu = -3A$: $\Gamma = 4$ ($\Gamma(A) = 4$)

 $3 \neq A \neq -1$ ω $\mu = -3A$: $\Gamma = 4$ ($\Gamma(A) = 4$)

 $3 \neq A \neq -1$ ω $\mu = -3A$: $\Gamma = 4$ ($\Gamma(A) = 4$)

 $3 \neq A \neq -1$ ω $\mu = -3A$: $\Gamma = 4$ ($\Gamma(A) = 4$)

 $3 \neq A \neq -1$ ω $\mu = -3A$: $\Gamma = 4$ ($\Gamma(A) = 4$)

 $3 \neq A \neq -1$ ω $A \neq A \neq -1$
 $4 \neq A \neq -1$
 4

5 Да се нашери рангыт на матрицата: a) $A = \begin{pmatrix} 1 & 1 & 2 & 3 & ... & ... & 1 \\ 1 & 2 & 2 & 3 & ... & ... & 1 \\ 1 & 2 & 2 & 3 & ... & ... & 1 \\ 1 & 2 & 3 & 4 & ... & ... & 1 \\ 1 & 3 & 2 & ... & ... & 1 \\ 1 & 3 & 2 & ... & ... & 1 \\ 1 & 3 & 2 & ... & ... & 1 \\ 1 & 3 & 2 & ... & ... & 1 \\ 1 & 3 & 2 & ... & ... & 1 \\ 1 & 3 & 2 & ... & ... & 1 \\ 1 & 3 & 2 & ... & ... & 1 \\ 1 & 3 & 2 & ... & ... & 1 \\ 1 & 3 & 2 & ... & 1 \\ 1 & 3$ ===) A=1,2,3,..., N-L=> VA N-L A=1,2,3,..., N-L=> V(A)= N