Инвариантым подпр-ва вобственние в-ры P. 1 u cos. zu-1. xan. un-n u cro 16-ba. unb. alega u стр-и натрицы операторие

V-um. np. 60 nag F l: V-s V- un. ongrames, ecun all-agg. de 1-agragasquei Cl. ez. - en 1= E dim V=n elli]= & axilx A=LA: -- And => l(lil= E. Ai llen llen l(E)=E. A X co d , m. e. x=E. L => l(x1= l(E). L= E. A. d Ryamo & uf 6 v. l = A Topa 13 = 5'AS, Seage M. nen.

Note, Mamn. nen-ge beerge ne bun. 2(V)-nn-bo book 1.0. quiembyrouxue & V e+4, ll. 2(V)-sum nn-bo nag F, $dim <math>L(V) = n^2$ $(\ell. 4)(x) \stackrel{\text{de}}{=} \ell(\ell(x))$ 2LVI - Karvis =>2(25)-acredna

ales, Magny- bo U CV naj- ce unb. amnac l, eam & x & u us l (x) & u

Notes Pluseu ==> Pluseu Dels l: V-> V, U-11 ragny-bo

Eague & neg-ar com. c u, eau Cl, -.. ex1- dapue & U Le, - . ex, exm .. en 1 - dagent V

Jmb1, l: U > U, U - unb. nogny-bo l 2= > 6 dance é, com cu temmem bug € (A | E) dim U=K (e... Cx / - Loque U 2=> (I) (un-bo unb regno-b l, z-mo omnoc i u, ur - und omn l,=> u, nur - unb. omn. t. l(u, nur) ⊆ l(u, | nl (uz) ⊆ u, nur Plu, +ur/= lui) + lur/e Witur youl (replace your o xair. on pax) Ecu lut-kann. om-per (l.4=4.l), mo Ker 1, Iml, Ker 4, Im 4 - und ommer. Kampero us oneparnquel. Ecu repro une odnaj moro me on pa, mo mpubuaciono. Roxamera, umo Iml, Kerl unb omn 4. Rycmo X & Kerl. ((4(x11=4(6x1)=4(0)=0=>4(x1 ∈ Ker) ayons y & Iml, T. e. y= l(x), x & V Romaneu, uno 4191 e Int 4 (91= 4(6(x)) = 6(4(x)) = 6(x), x/60 ales nemme b-n x, ygabe l(x1=xx, x eF naj-u coolemb. 6-pan gent l c cos. zu.) Al, 71-m LEF veg-ce coo. zn., eeu eug ombersem Kansii-mo costemb. b-p.

Note, e(x1=) x, x-c.b. c c. zn.). PCXIEFCXZ P(l)(x1=P(XX) 13 racma., ecom P(81=0, mo & c. za. x 19 (X)(X)=0=>P()=0 Bolbey Ecu P ennyaluguem onegramen e, mo У с. зи. - кореп 6 °. del My-les Vx=Ker(l-xId) neg-a codembinan np-u que l, embersoume à. Imb, Vx + { 03 c - s 2 - c. m. on-not. @/ Neach. V) \$ \$ 603=> 3 x +0: x & V) (1-11) X=0=> f(x(=)] x=) X => X c. 6. S.) Decm. Ryons X-c. zn. => = X = 0: ((x) = x x => (1-) 1/x=0 => X 5 V). Del ABMA(F) Torga um-n & (x) = det (A - DE) nog-ex to kap un in manninger A JA(x1= (-11"x"+(-11"-1x"-1 tz A+ ... + det A Jone 4, 10 cb - x xap un-na/ a) Kapnu xap. un-na n malbuo onu she-re cod zu. menamona l (Kopnu uy F) Si Kap. ru-n on-pa l'ue zabucum om bocolopa dayucab V a) \ \ 0- Kopini \ \ \ A (\(\) = > det (A - \(\) \ = 0 Targa (a...) (x) = (xx) to my x= >0 muem nengu pem. x0=>x0-6.6. x0-c. yn. 10-C-yn. 3x, l(x0)= loxo=> det(A-lot)=0=> lo-kgruns IB(x1= det (S'AS-XE)=det (S'AS-S'(XEIS)=

= det (5"). det (A - X &) det \$ = \$ _ A \(\mathred{B} \)

[he-e], Eau v. 1. op-bo nag &, mo

Honepaman & b V uveen nombo du oque

codemb b-p

Cu-e 2, Om budgra Saguea b mp-be V ne zabuerm

Kosq b \$ (A) (& 2 A u det A)

The second secon

a series and the second second