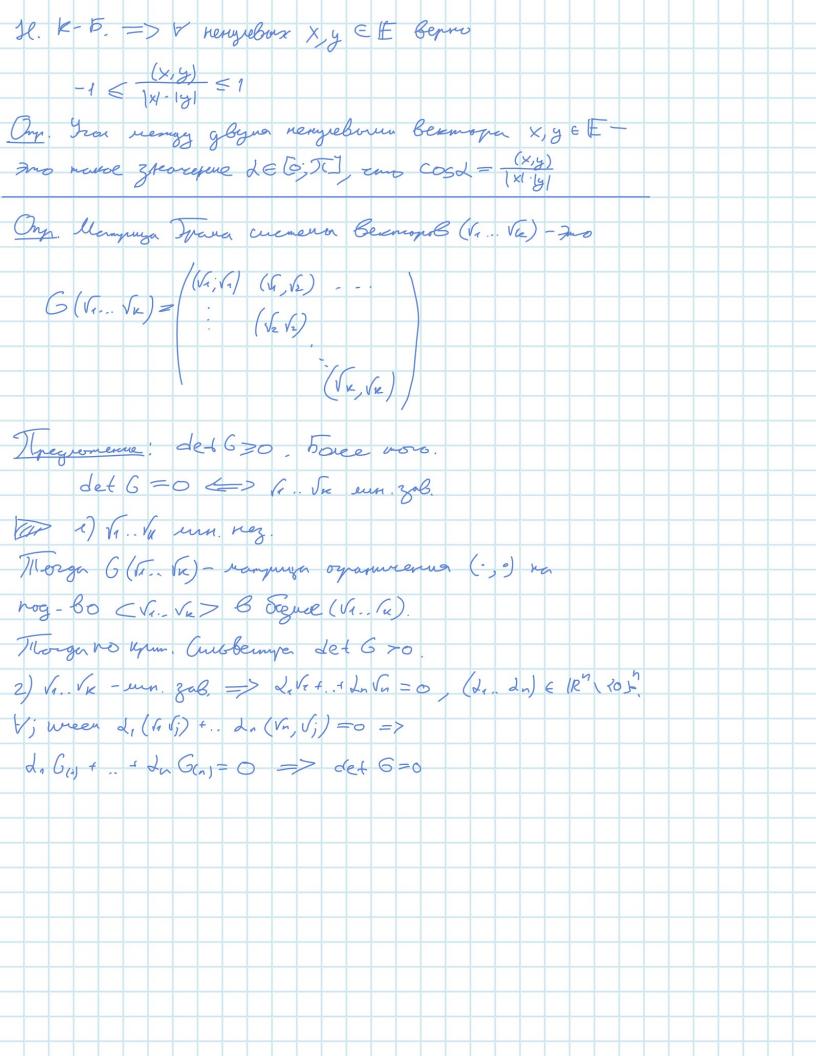
28,02.19 Ebrugober moenpanenber (F=R) Ong. Elungobo mabo - mo benen np- bo lE mag nown R Ka Komopan zagasa noe. onp. curr. Sur. op. (*, ·): EXE > R now. on (x, x) >0 (x +0 D. op. (., .) rugularna charaptor nous beganne Tynerepu: (1) E= P x= (xn) y= (yn) => => (x,y)= x,y, + ...+ x,y, $(x,x) = x_1^2 + ... + x_n^2 (>0)$ Barnen Zoemson Cycan; n=2, n=3 (2) E = Malmxn (1R), (A, B) = fr(A^T.B) (A, A) = 4 (A T. A) = \(\geq \alpha_{ij}^2 \) (>0) 3 F = (([0, 1]) (f,g) = 5 + (r/g(x) dx (f,f) = 5 (x) dx (>0) Bareranne: Bearox nog- Bo Bungoba no Ba abirena Changobour a mensie chargemen wrong.

On Densen Bennopa XEE - 7mo (x)= V(x,x) ((x)=0 <> x=0) Barerancie. Boquere 2 gensea mangingo A beausance voproi Proservyca Typege. (repuberanto kom - Typeraclescoro) Vx, y E E: ((x,y) | E (x) . (y), nouvier ,=", vorga X, y wyonopus 1 X, y aponopuz. => eremno veumano y = dx morga (xy) = 1(x, dx)1 = 12(x,x)1 = 2(x12 = 1x1.(x1x1)=(x11y) 2) X, y he monopy => X, y mm. Meg. => X, y - Sizue B Sx,y. Darenongen raminago organicación (;) per regi-lo <x, y> B Soque x y. 6 - (x,x) (x,y) Kpm. Cubbecara => de 1 6 70 $((y,x)(y,y)) = (x,x)(y,y) - (x,y)^2 > 0 = >$ => 1x1.[4] > (x,3)



On Beremajur X, y E E nazubarome Opmoronarentum. eem (x,y) =0 On Cuencua veeryrebor Cenonopol (I, Va) B (horobeenes Ogmororaemon, ecen (Vi, Vi) = 0 Vi = ; (m.e G(VI..VK) guar, 4 belloy) @ opmonoprup Barrion, een (1; 1;) =0 Vi=1 2 (1)=1 Vi(=> G=E) Saverance: Beesen opmown. cuemera Bekingob en rez Dave Cramaen dim F=n<00 Ong Bazoe (e. en) & E vozoberema opmoronauran (coons. opmonone.) ele Cuencia (e,... en) opmos (comb. opiniopy.) Tymes F=R co comang. com mongo. Comaring Stayers e1 = (1) en= (1)

Meanara Bo Brancon Konersverence Com mo-be Form Me Bunevaen o regularonan Buge Baggamuncion rag R /+ na. onp.) (C. en) - opmon Serve I (ei. en) - gryron Derne & F (e, en) = (en en) · C Thege. (ei. ei) opmonion. => C.C=E To Kampunga KB. Op (x,x) B dequee e' pabua G(e')= = C 6(e) C - < . C Ong. Mamping C & Mr (R) regularence Opmorohaloscoti ecm CTC=E Boner: C = CT (B cocum, de+C =0) Coamba opm langunger 1) (C" (= 1 Vi) (C", C9) = 0 Fizj (consider on me regun Sague B Rm) 2) ((i) =1 Vi, ((i), (ii)) =0 Commonan (Cij (51 3) de+C=±1

Mpurepor: n=2=>/cosq -sing) cose since Sing cosq/ sing -cosp) C. .. en Elt - un. negal. cuerque 1-4 greobou murrey & G(e. .. ex) - mo det G(e. .. ei) +0 => => njunemu nemog Troch => 3 cuemen Bennopol f... (4, m. r. 1) E = e, 12 6 P2 + < PA> fue Elut Cli... 2) $\forall i = 1... k \quad f := e : - \begin{cases} -1 & (e : f :) \\ (f : f :) \end{cases} \quad f : (k)$ 3) Vi=1..k det G (e1.e;) = det G(+1.fi) => => fi. Eu - Opmoor. Dozue Gel. ex> Thormpresene cuenera (1... (ne copyrige (x) Huzorbuenca hpereleccon (nemocyan) Opmorara luzarun Dpara - Munga