Onepoisir reas noyapocto polen. Histori V - Gen. np. nog noven F. 1) Neperuse. Mynagorico (L. 1. 6 I) - genera escorrere injupoceografi mp. V. L= ML. Monamello, uso everen Lybb. nigrap. 3a gobegemen, O initurad & V nigrip., voley 00 by, 410] => 00 Mb,=b, b+b. Trepero a, BEL, J, SEF. Togi a, BEL, YAGI, Lotphelia, VaGI => Lotphel 2) OS; Egreouro . Rpunychulo Mt. Mz - nigreporagu np. Vrag vode F. Mr. MIVM2 & zorocknowy bunogery nignpowycy ne ystojonok. Hanpulois le up. R<sup>2</sup> Sepecio se nocirce apri benique a la. L2 | 2 | L1 = Ca> = lda, 26 | Py Lic LEDE LBB, BERY bla

bre LBD = LBB, BEFY

a, be biVbr, ore a+B & biVbr,

-500 | III... ne c nignpocropou. Tolko Liller ne a mynpochopou. They arbered Sunso M2, M2 - nigupaciojen np. V, so unosurro MIVMz yob. migrip. (=) alo MIEMz, alo MZ EM1. Dob June ogen z nignportyib virturad birmeney, To obsequence miknogo z ogrene z god nignportyib. Mynnyamo robnom, HIVM2- nignjo-crip, ore nogen z rignpocognil Mt, M2 the michard Circuoley. >> 30 € Mi/Mz, 38 € Mz/M1. => 0,8 € M1VM2 i za yuoboro nigrpocopy: a+B & MIVM2. Tosmo a+B & M1 aso a+B & Mz. Mpnyances a+B & Ms. Ocaileur a & M1, 00 (a+B)-a = B & M1, 40 consporant busayy erelevies 6. Planation your mynpoetopiels. Hesar V - Ben. up. nog novem F. Ozn. Cejleono gbod nigrep - les vo les up. V moz, en.

Lutlez = Lx1+x2 | x1 6 L1, x2 6 62 9. Morroneur, up cylia glod nigry. E nigry. Thepers o, & Glintlez, d, & GF => a=01+02, b=b++bz, os, b16h1, oz, b26h2. Toy: La + \$6 = 2 lon+or) + p(61+62) = (201 + 8 b1) + (202 + 8 b2) Eli+lz

Lon
Lon
Lon Zyozywico, la Elathez, la Elathez. Anorovino eroneria blevia novotra aglan cuivacerros raceo nignpochojib: cycloso nignp. les, lez, -, le lea, up. V mos. un. les + bet -- + len = { x2+x2+ - + xx | xi € lei, i=1, k } Cyclo cuincereoro rucco nigripo-coquel a nigrip. le gob. enoioriero, su go lanogrey n=2. 2. Teautyment zuich morgery oproronolization Munyonero as, oz,.., on - cerchero ben. Cuiar. buen. ebu. up. V Rporsec opsoronoliza giñ go€ ecomenbier ogepseeren cuct. Gentopib be, βε, -, β € V Tony, yo: から」は、,; もう 2)  $\forall i = \overline{1, u}$ :  $\langle o_{1,0}, o_{2,...,0} \rangle = \langle b_{1,1}, b_{2,...,0} \rangle = \langle b_{2,1}, b_{2,...,0} \rangle$ Mpn cessorey be= at i upu boue zprangerenor Gensopoor be bz, -, bi-s beurop bi = oi - Linke - dir br --- - dir bi-1 Lii nigoupeaux z yurbu oporonounoui: ∀<sub>0</sub> = 1, 1 : (β<sub>0</sub>, β<sub>0</sub>) = 0 => loi, β<sub>0</sub>) - dio (β<sub>0</sub>, β<sub>0</sub>) = 0 Augo  $b_i \neq 0$  Sepecto  $d_{ij} = \frac{(a_i, b_i)}{(b_i, b_{ii})}$ Guyo 6: = 0, 00 div - & giacul rucco. Operans nigripo-com Li= (01) = (B1), Liz= L01,02) = (B1, B2), ..., Lu = Lae, oz..., ou> = LBL, bz ..., Bu>. Do benoom bi = 0i - diabi-diaba---- - diinbi-1

Oznoruno Ci = disbi + dizbi + ... + diirbir.

Toni ai = bi + Ci , ci = lis = L bi, bz..., bi ...

Ornissun bi l bi, a berospo bi 6 opt oronouseroro caroacoboro fen ai frigno-cno nigro. Li., a berospo bi 6 opt oronouseroro caroacoboro fen ai frigno-cno nigro. Li., Mosuru zgrodusu burnobun:

D cucselur beworth ai, az..., an - riviano zoverno com regisoficio

E) Cucselur beworth bi, bz..., bu 6 nopurounia orono regisoficio

2) Pronee optoronousouri re zbilevense gobsenney beworta:

Yi=1,u: |ai| > |bi|.

 $b_1 = Q_1 = (a_1 o_{i1})$   $b_2 = Q_2 - d_{21} \cdot b_1 = Q_2 - \frac{(a_2 b_1)}{(b_1 b_1)} b_1 = Q_2 + \frac{4}{5} b_1 = (-\frac{2}{5}) \cdot \frac{4}{5}$  $b_3 = (-1, -2, 2)$ 

1 ( 2 )

 $C_{12} = \frac{1}{\sqrt{5}} (2;0;1) C_{22} = \frac{5}{\sqrt{95}} \cdot (-\frac{2}{5};1;\frac{4}{5}) \cdot C_{3} \cdot (\frac{1}{3};\frac{2}{3};\frac{2}{3};\frac{2}{3})$   $Q = \begin{pmatrix} \frac{2}{\sqrt{5}} & -\frac{2}{\sqrt{95}} & -\frac{1}{3} \\ 0 & \frac{5}{\sqrt{95}} & -\frac{2}{3} \\ \frac{1}{\sqrt{5}} & \frac{\sqrt{95}}{\sqrt{95}} & \frac{2}{3} \end{pmatrix}$   $R = \begin{pmatrix} 100 \\ 010 \\ 0010 \end{pmatrix}$   $R = \begin{pmatrix} 100 \\ 0010 \\ 0010 \end{pmatrix}$   $R = \begin{pmatrix} 100 \\ 0010 \\ 0010 \\ 0010 \end{pmatrix}$   $R = \begin{pmatrix} 100 \\ 0010 \\$