bettor 900 racotevie chyrain marphysis Onepayin neig matpuyann. V Chomefue V ymno mener her cranop Vparicnonipolarie onepaisure orpanique ortro curcho ho mibrion granomain naspriste V Ynnomerue He KOMMY TUTUDO COD A(BC) = (AB)Caccorder och rocks A (B+C)=AB+AC guerpa Syrub noch

Cucreria runeir rebix y pobrenium Reospazobarne rovopne ne mendros unomecobo penerum cucrento 2) Gren ropagne copor 2) Grinomeniel cop. (\(\lambda\dot\)) 3) K orp. of (gp. orp.) (Meroy Paycea) cognenzation buy Horassun

WcZcQcRcC

Orpegeniterii = <u>Aeteprienant</u> A = (a) , det A = a $\begin{vmatrix} a_1 & a_2 \\ \ell_1 & \ell_2 \end{vmatrix} = a_1 \beta_2 - a_2 \beta_1$  $\begin{vmatrix} a_{1} & a_{2} & a_{3} \\ b_{1} & b_{2} & b_{3} \\ c_{1} & c_{2} & c_{3} \end{vmatrix} = a_{1} \begin{vmatrix} b_{2} & b_{3} \\ c_{2} & c_{3} \end{vmatrix} - a_{2} \begin{vmatrix} b_{1} & b_{3} \\ c_{1} & c_{3} \end{vmatrix} + a_{3} \begin{vmatrix} b_{1} & b_{2} \\ c_{1} & c_{2} \end{vmatrix}$ reoperpure cuerca dozan co nogerer orpegennoepon Есть акторитм метой крамера

211 BEKAOPG R un J Mon parovien

B rednetpure anon

Apocopancobe Berrop = choSogram Berrop yyobaethoperot Bour orban a=a pernencibrious a=6 2=> B=a cumpurrox66 | a=B A B=C => a=C Tpanzuouracq a to the second  $\frac{-3\overline{\alpha}}{\alpha}$ Blun, anz. enceonios ascop-ro bengopnoso upasp-la Dieparsun Don cola (a + b) + c = a + (b + c) (accosing b)V2) FD: Q+O=D+Q=Q (range supeboro Bensopa) V3) 7-a: 9+(-a) = 0 vi) a+t = t+a Kommyrandroch

US) X(a+b)= La + Lb V6) 1 a hopningshia V2) L (Ba) = (LB) a

Kommerpin as, ar vornineaprir, 3 spérial l'as, l'ax Cucrena Benjopolo naz-ce romorromagnos a, , , ax 3 nrocasers 0: 6/1/91 5. 5/1/9/ Yron Z(a,6)= - LAOB e CO,TTT Z(O, a) -? reorpey-M

M Conangabrenture au & E> Z(a, b) = 0 11 Represegue = oproronanteure (=) Z(a, b) = T/2

 $\frac{7}{100} = 3 \times 6 \times 6 = 30$   $\frac{7}{100} = 30 \times 6 = 30$   $\frac{7}{100} = 30 \times 6 = 30$   $\frac{7}{100} = 30 \times 6 = 30$ 

Duna Bensopa Cucrena berropob = radop benropob To, an a, a, Optonomentel augena Bentopol ecu  $a_i \perp a_j$   $l \leq i < j \leq K$ Opronophupobanton ecu  $|a_i| = - = |a_k| = 1$ 

d'Amerina subicuriocos > 1/2, -- > 1/2 ER 91, -- , ax 2 \\ \a\_i Aja, + Azaz + ... + Akak  $\Lambda$ un  $\kappa$ on $\delta$ .  $\overline{q}_{1}$ .  $\overline{q}_{2}$ .  $\lambda_{k}$ gro & J M.K. Ma, + + Ma ax = 6 TO & packingorbaltal no appendant Mr. Corpanialia repres appendant N.K. Tpubulakna, ecan /2= = 1 = 0

1.0 - re opulianties

Onp  $\overline{a}_1$ ,  $a_k$  mayorb pun 3 abricuma  $\exists \lambda_1, \lambda_k \in \mathbb{R} |\lambda_1| + |\lambda_k| > 0$ 1201 + - + 1 Rax = 0 Tpegnomenue (marenbrue (Copenie)  $\overline{Q}_{1}, \overline{Q}_{2}$  k > 2Assistante de la servicia del servicia de la servicia del servicia de la servicia del servicia de

 $A = \frac{1}{2} \lambda_1 q_1 + ... + \lambda_k q_k = 0$   $A = \frac{1}{2} \lambda_k q_k = 0$   $A = \frac{1}{2} \lambda_k q_k = 0$   $A = \frac{1}{2} \lambda_k q_k = 0$  $Q_{K} = \left(\frac{-\lambda_{k}}{\lambda_{K}}\right) \overline{q_{k}} + \dots + \left(\frac{-\lambda_{k-1}}{\lambda_{k}}\right) \overline{q_{k}} + \dots$ (=) Mycro ax = M, a, + ... + Mx-e ax-e

M2 Q1 + -- + Mx-2 Qx-2 + (-1) Qx = 0

