Ранги Матриц, СЛУ, ам-и Гадосса Thewermorthere up-e(S) 1) ai = ai + nai , nell (i + j) 2) a; (> a? (i+i) (<> - 270 TPANCMOJUYUR) 3) Qi? = 2 qi? (2 E/R/203) 28. 5 - 31. TORO ME TURA 70 4 S gre CAY luga AX = B A= (A/b) - pacumpennae natpaya tong 36 3.17. crpax A all. npeodp. Ikhulavent 40eru Mur. g. h Опр знементарная натрица (S) - редультат применямия ЭП. к Е 476. A 3.73 A' (=> A' = SA COOT 6. 3.17. Maratro & Kak op-10 et. exper/crailys Yrl Siijin) = S(ijj; -n) u z elR Siija Isb. $\widehat{A} \xrightarrow{2\pi} \widehat{A'} = (A'|b') | \Rightarrow x - pew. \widehat{A'}$ $X - pewerne \widehat{A}$ D S(Alb) = ((SA)(SB)) T.P. A'=SA; b'=SB AX=b; (SA)X=(Sb)5-18 AX = 5-15B AX=B D TynekraTag hatpaya (mxn) 00.002/2... 1) Hetaponglinas! 2) 1= ji & j2 & ... & j2 5/2 , 8 5/m T) YA (Let A =0) I (S; 3; c) ([7]S;) A = A' - CTYPLEX PATALE - ALZOPATIL Payoca 1) Helt 4 air \$0 2) $\overline{\alpha}$? $\overline{\alpha}$? $\overline{\alpha}$? A A A A 3) $\forall j > 1 \Leftrightarrow q_j = q_j - \frac{q_j}{q_{j1}} \stackrel{\rightarrow}{\alpha_1}$ 4) Mahrepurb que naspuyos ((mo)x(nx)) es [0]

onp. ry A = | { i | ti 61, a = ai; = 0 } PAN MATPHYON 1 31 6 Let A to (=> A nowleaguerce & D-my lange D @ M (3 a?= 0)=> det 4= 0 M B De det A' = ±det A = ± Mai; +0 II CAY Ax=6-cobuerrua (=> & le" cryneurarou luge mem montho. y-4 D @ [A 3. Son A] -> x - peul. A' -> ret npamub. y - 6 10 DE hemos reportub. peru y -ed =>] X1-peru. A1, T.K. VS (217)- oclepar uno, 10
A1-5A => X1-peru. A=> A-cobulct Ham IT Pacumpethous amoparu layeca 1) Maverarryges copony не переставия неверх 2) Transport 31-18 considya Course a rume Conspansion 3) He ady budyper 6 luglpob negpty no kanyow realist lugly (crpake; craidly)
(file crpake a craidy or yourarding) > borregue y an-ua ecus feloguomero rastre sugepa (am) am by Drepost (of 10 10 10 10) representation cracky of am by the cruis of the $\begin{pmatrix}
\alpha_{ij} & 0 & \alpha_{i2+1} & \alpha_{iN} & b_{i} \\
0 & \alpha_{i2} & \alpha_{i2+1} & \alpha_{iN} & b_{i} \\
0 & 0 & 0 & 0
\end{pmatrix} \Rightarrow X_{K} = \frac{1}{\alpha_{KK}} \begin{pmatrix} b_{K} - \sum_{i=2+j}^{K} \alpha_{Ki} X_{i} \end{pmatrix}$ Osigee pemerue CAY - cyulla competrise a 1K chalogrant pemerui U-e 1 = 1: x-peu. C1y => 2-n U-e 2 Eccu n>m, TO ∃X≠0 gea cucr. Ax>0