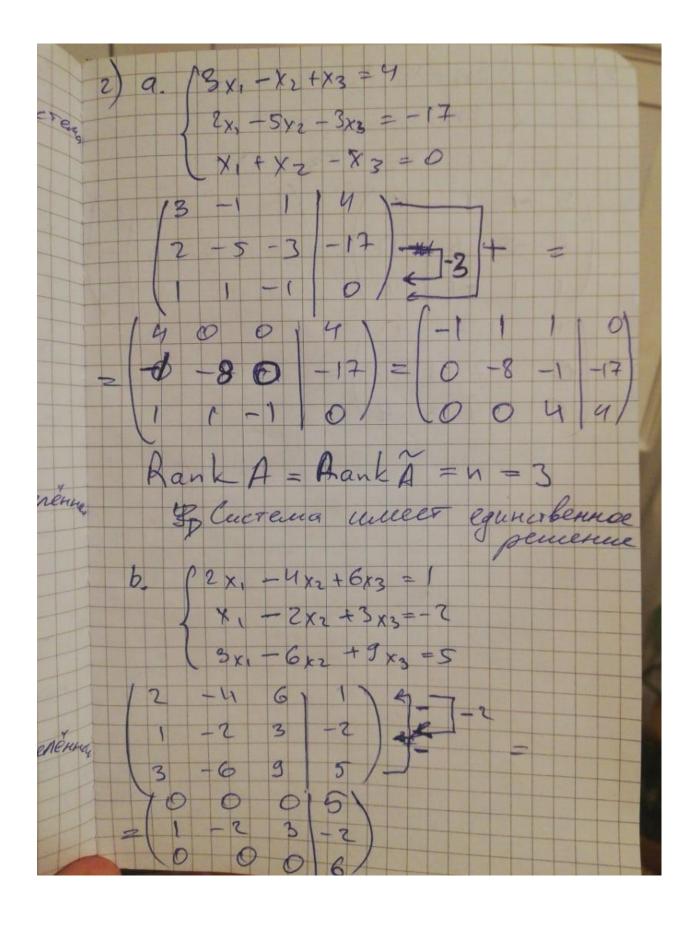
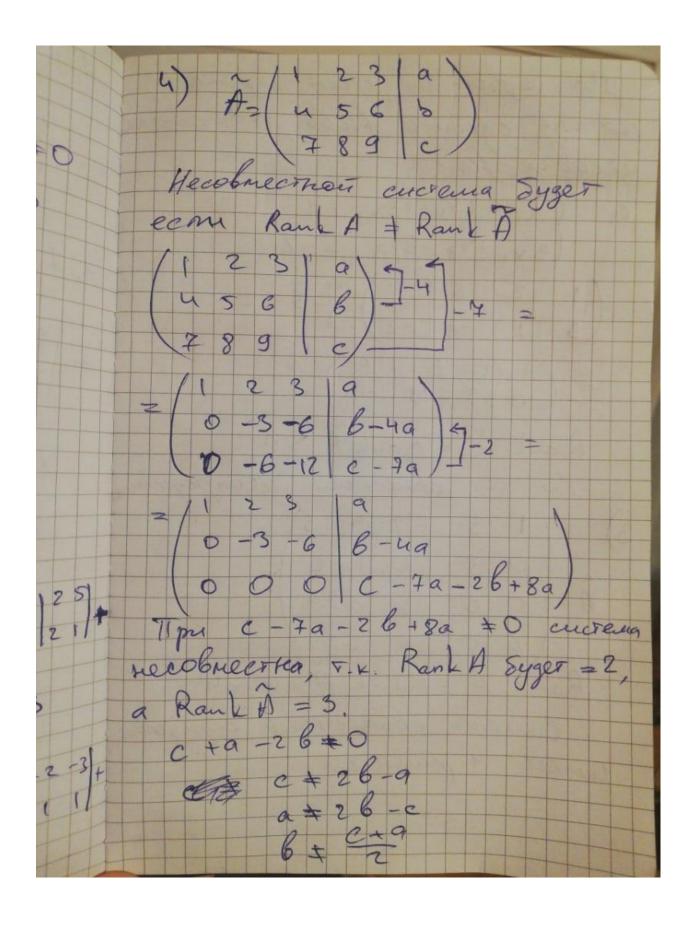
Vana 4. Cucrana ypabnemus 1) (x1+x2-x3-2x4=0 2x, + x2 - x3 + x4 = -2 X1 + X2 - 3x3+ X4 = 4 21-11-20 -13-3-2 11-31 4/ 00-23/4 Uz perseu apones: -2x3+3x4 = 4 Cuerena meceler moncecibo pencemin Bripajul xis repes napamers Xn = e); -2x3+3c=4 =>(x3=3c-4 13 bropped organs: $-X_{2} = 3c - \frac{3c - 4}{2} - 2$ Из первой сроки: X, = 6c-2



nomeno egenaro bulog, ro ceren 9x, +2x2 +5x3 =4 Rank A = Rank A < n Cucrema cobnecreas uconpegenence 3) 7200304 Rank A = Rank A = n = 9 Система совмествало, определёния weet 4 penerons



5) a. $\{x_1 - 2x_2 = 1 \\ 3x_1 - 4x_2 = 7 \}$ def A = 3 -41 = -4 +6 = 2 +0 det A, = 1 = -4 + 14 = 10 det A2 = 3 7 = 4 -3 = 4 x, = de+A, 10 = 5 X2 = det A2 = 4 = 2 b. (2x, -x2+5x3 = 10) X, +x2 -3x3 = -2 1 2x, +4x2 + x3 = 1 det A = 2 -1 5 | 25 | +1 | 25 | + 1 | 25 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 | + 1 | 2 | 1 +3/2 -1/2 +21+8+30 = 43 det A = 1 10 -1 5 | 11-3 | +1-2-3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 - 3 | + 1 - 2 de+ A2 = 12 10 5 1 = 2 10 5 1 - 2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 3 | = 2 | -2 - 125 | 12 10 | = -40+11 2 -1 10) -2 -1 10 + 2 10 | + 2 | 2 -1 | = 41-18+420 X1 = det A1 = 86 = 2 X2 = det A2 = -93 = -1 X2 = det A5 = 43 = -1 X3 = det A5 = 43 = I