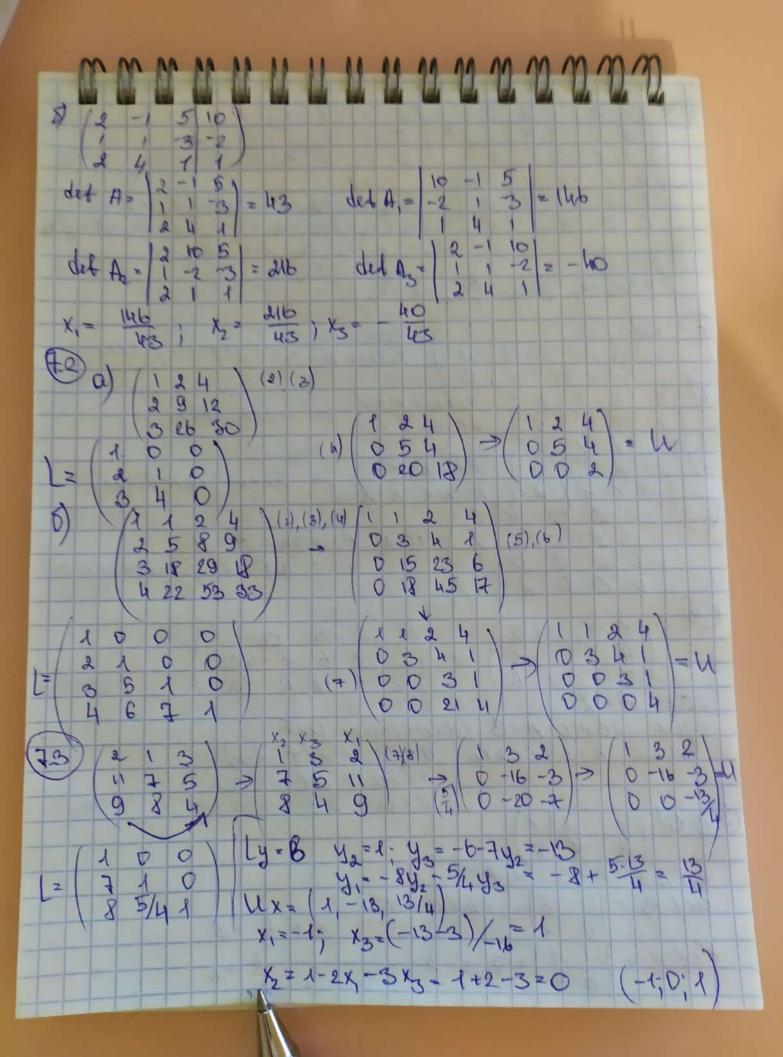
-2 $x_2 = x_3 + 5x_4 + 2 = 3x_4 - 2 + 5x_4 + 2 = \frac{13}{2}x_4$ $2x_4 = -x_2 + x_3 - x_4 - 2 = \frac{2}{6}x_4 - 4$ K = -3 x4 -2 -3x4-2; 13x4; 3x4-2, x4) 4 Rank A=3 -> eguo peres. Rank A=3 Rank A=1 => teer peece Pank A = 8 Rava A-2 Deen lett. files. Rank A=2 3 24 Lank A = Rank A = 4 agero pereserve 6.4 1 8 3 4 5 6 7 8 9 8 0-3-6 0-3-6 6-4a D-6-12 C-7a ROWK A = 2 upie RANL A=3 /celeverence wer Rank A=3, cence c-7a + 2(6-4a) e-7a + 26-8a C+a + 28 det A = -4+6 = 2 +0 det A, = 1 1 -2 | 2 - 4 + 14 = 10 X, 2 2 + 5 det 1 = 1 1 = 7-3=4



lu= Van- 5/2 = Van = 9 lu= an = - 45 = -5 l31 = ase = 45 = 5 122 = Va2 - l21 = V 50 - 25 = 5 132= - (as2-leyly)= = (-15-(-5).(5)-15+25=2 133 = Va33 - 62 - 62 - V38 - 25 - 4 = 3 50000 (900) -550 523 L= (9-5 5) 9 4 = 531 , 4 = 59 - 5y, + 5y= -460; 5y= -460+295; y= -33 5y + 2y, +3y3 = 193; 3y3 = 193 + 1.33 +5.59 = -36, y3=-13 Lx=y $3x_3 = -12$ $x_3 = -4$ $5x_2 + 2x_3 = -33$; $5x_2 = -33 + 8 = -25$; $x_2 = -5$ $9x_1 = 5x_2 - 5x_3 + 59 = -25 + 20 + 59 = 54, x_1 = 6 (6; -5; -4)$