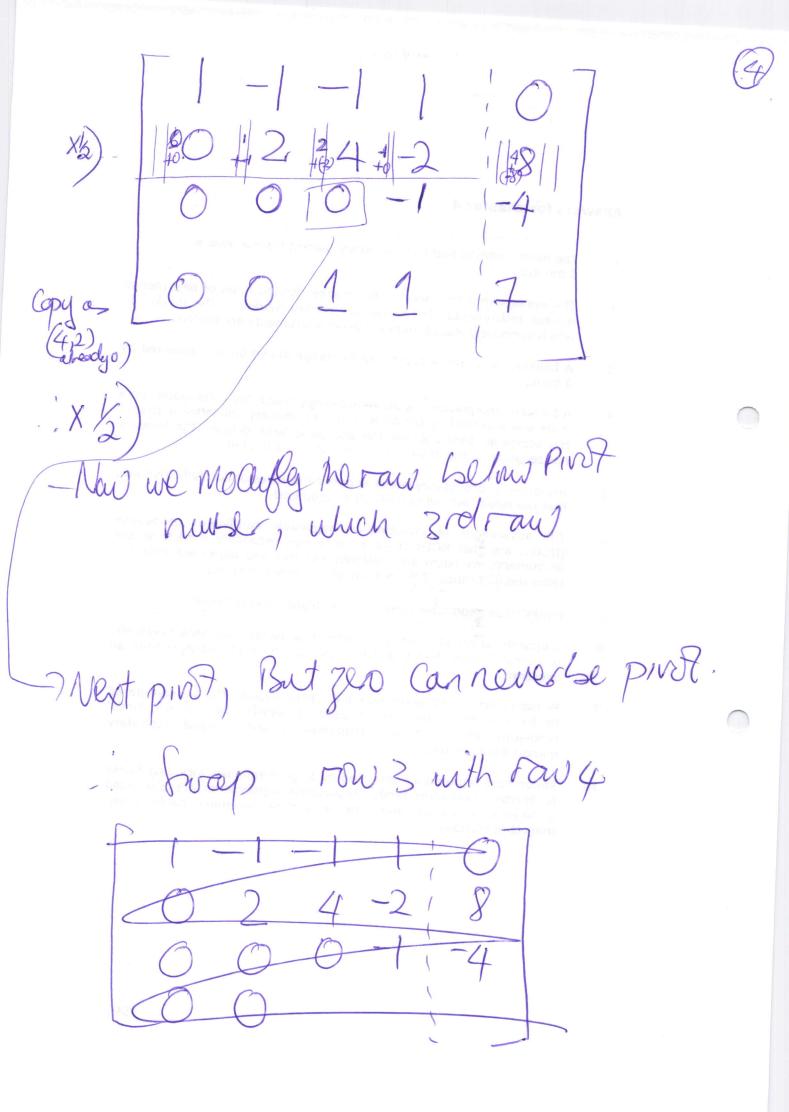
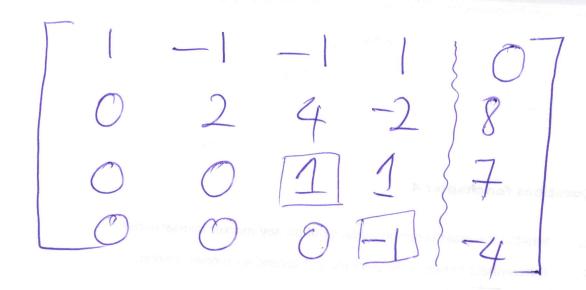
Rosz Elinnehan of Matros Solve Pollaring, using method
of Elimeration. 4 Equations, and 4 on train. X - y - 2 + 4 = 02x + 22 = 8-y - 22 = -832 - 34 - 22 + 44 = 7replace the obove Equitar, with Equivant Soluti by seros of row operators. raw operators does not charge the Solution to System con, change order of rows, number of much non-ges numbers, mustiply Equation with non-ges numbers. add non-zero multiple of are equation to other.

Do when we do operations: -lets hide name of vonables (x, y, 2, y) last we keep the impartant inglamath: - Coefficients in matrix I rgut side, augmented malex 11-1-110 20208
0-1-20-8
3-3-247 - Each raw is Equation - Each column is unknown . Lots reduce matrix (10 "uppor margulor ac")

Lets Start with (1,1) = Called pivot, to get rid of number under it. 1.e get 0's. 2) and add 1st + 2nd raw





- Now we modyly the raw below pivol, row4, and get not of number below pivot 12. mat 200 But cheady zero

Now storting from lat Equation, lets Sove all entrains

i)
$$-4 = -4 = [4 - 4]$$
 [raw 4]
2) $7 + 11 = 7$

2)
$$2+4 = 7$$
 $2+4 = 7$
 $2=3$
[rows]

3)
$$2y + 4242u = 8$$

 $2y + 4(3) = 8$
 $2y + 6 = 8 = 2y = 4 = 8$
 $3y + 6 = 8 = 2y = 4 = 8$
 $3y + 4$

Irav27

$$x-2-3+4=0=0$$



$$\begin{array}{c}
\chi = 1 \\
\zeta = 2 \\
Z = 3
\end{array}$$

