Inverse of Matrices:  $A = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 5 & 3 \end{bmatrix}$ [A:I] 5 3 0 8 0 R2-2R1 0 0]

10

R3 - R1 -3 -2 1 -1 0 1 0 R3+2R2 0 3 1 0 -3 | -2 1 0 000 -1 | -5 2 0 [1 2 3:10 0] 0 1:2-5 10 2 3:1 1 0:13 -5 -3 0 115 -2

3 1 0 0 0 0 1 2 0 -14 0 0 R1 -2 R2 [I i Ai] 5 -2