

CMP LAB 8

1. Solve this system of linear equation.

$$4x_1 + 3x_2 - 5x_3 = 2$$

$$-2x_1 - 4x_2 + 5x_3 = 5$$

$$8x_1 + 8x_2 = -3$$

Constraint : Solution should be generic so that it can be used to solve linear equations with any number of variable.

- Print the determinant of the matrix $|A|$.
- Print the inverse matrix (A^{-1}) .