

## LECTURE SUMMARY 3.2

FRIDAY, MAY 20, 2016

### INVERSE MATRIX

1. Examples on how to calculate inverse matrices via elementary row operations.

### ROW-ECHELON FORM AND REDUCED ROW-ECHELON FORM

1. Definitions.
2. Gaussian elimination and Gauss-Jordan elimination.

### USE INVERSE MATRIX TO SOLVE LINEAR SYSTEM OF EQUATIONS

1. Formula, examples.