LECTURE SUMMARY 3.1

WEDNESDAY, MAY 18, 2016

MATRIX

1. Definition and examples.

MATRIX OPERATIONS

1. Addition: definition, examples;
2. Subtraction: definition, examples;
3. Matrix multiplication: definition, examples;
4. Scalar multiplication: definition, examples;
5. Inverse Matrix: definition, examples;
6. Identity Matrix, diagonal matrix, examples.

MATRIX ALGEBRA

1. Matrix addition and multiplication rules.

CALCULATING INVERTIBLE MATRIX

1. Elementary row operations.
2. examples.