

Week # 1 - Topics

§ 1.1 Basic theory of matrices; matrix arithmetic; algebraic and geometric properties of vectors in \mathbb{R}^n ; the vector spaces $M(m, n)$, \mathbb{R}^n , \mathbb{R}_n ; linear combinations.

§ 3.2 Basic theory of matrices; matrix multiplication and properties; transpose; symmetric matrix.

§ 1.2 Introduction to systems of linear equations.
