

Week # 5 - Topics

§ 1.4 **Spanning Set Theorem**; two methods to find spanning sets for **Col**(A) and **Row**(A).

§ 2.1 **IDE** in abstract vector spaces; definition of basis for a vector space; basis for **Col**(A) and **Row**(A).

§ 2.2 **Dimension Theorem**; dimension of a vector space; Standard Basis for common vector spaces; (dim $V = n$) Theorem.
