Week # 5 - Topics

§ 2.7 | Numerical approximations to **IVP**, Euler's Tangent Line Method.

§ 3.1 | Solutions to 2nd order linear equations with constant coefficients; Characteristic Equation, Characteristic Polynomial, Characteristic Roots.

§ 3.2 | Linear differential operators $L[y]$, Superposition Principle, Existence & Uniqueness Theorem, Wronskians, general solution, Fundamental Set of Solutions (**FSS**), Abel's Theorem.