

During today's class (or before Wednesday's exam!) try to write some notes to yourself which reflect your understanding of every concept in the class. This might involve a relevant formula, or a sentence or phrase explaining the concept, algorithm or idea.

**Initial Value Problems (IVPs)****Solution to IVPs****Euler's Method****The S-I-R Model****Population Models****Other Mathematical Models****The Microscope Approximation****The Equation of a (Tangent) Line****Successive Approximations and (Recursive) Algorithms****Newton's Method****Local Linearity, Differentiability, Continuity****Properties of Critical Points and Inflexion Points****Functions of Two Variables****Partial Differentiation****Microscope Approximation in 3-D; Equation of a (Tangent) Plane****(Constrained) Optimization of a Multivariable Function**

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