

## Week # 2 - Topics

§ 2.1 First Order Linear (**FOL**) equations; integrating factors.

§ 2.2 Separable Equations (**SEP**); Homogeneous Equations (**HOM**); Bernoulli Equations (**BER**).

§ 2.3 Some basic mathematical models (mixture problems, falling and/or rising objects, Newton's Law of Cooling).

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