

**Readings:** Riley, Hobson and Bence - Chapter 14  
Boccio - 03\_ODEs, 04\_ODEs and 05\_ODEs

**Problems:**

- 14.02(b) Separation of Variables
- 14.03(a),(b) Exact Equations
- 14.06 Integrating Factor
- 14.11 An ODE
- 14.13 ODE and Laplace Transform
- 14.17 An ODE
- 14.24(a),(b) Some 1st-Order ODEs
- 14.30 An ODE