Sloughter, Dan. 2015. Notes on Diffy Qs: *Differential Equations for Engineers*.

http://www.synechism.org/wp/difference-equations-to-differential-equations/. Accessed 1 April 2023.

This is a calculus book with the last chapter devoted to ordinary differential equations topics. The effort begins with a study of numerical methods and goes through traditional technique strategies such as first order and second order linear differential equations, with sections on series solutions and phase plane approaches. There are very few applications in the text to motivate the differential equations under study. However, there is a section on "pendulums and mass-spring systems." At the end of each section there are technique problems and some modeling problems.