Mathematics 741
Course Title: Methods of Applied Mathematics I

Free On-line Books

- Christopher P. Grant, Theory of Ordinary Differential Equations

  `https://www.math.utah.edu/~treiberg/GrantTodes2008.pdf`

- Gerald Teschl, Ordinary Differential Equations and Dynamical Systems,

  `https://www.mat.univie.ac.at/~gerald/ftp/book-ode/ode.pdf`

Electronic Books at McMaster or using VPN

- C. Chicone, Ordinary Differentail Equations with Applications

  `https://link-springer-com.libaccess.lib.mcmaster.ca/content/pdf/10.1007%2F0-387-35794-7.pdf`

- J. Llibre and A. E. Teruel, Introduction to the Qualititative Theory of Differential Equations,

  `https://link-springer-com.libaccess.lib.mcmaster.ca/content/pdf/10.1007%2F978-3-0348-0657.pdf`

- H. Logemann and E. P. Ryan, Ordinary Differential Equations: Analysis, Qualitative Theory and Control

  `https://link-springer-com.libaccess.lib.mcmaster.ca/content/pdf/101007%2F978-1-4471-6398-.pdf`

- Thomas Sideris, Ordinary Differential Equations and Dynamical Systems

  `https://link-springer-com.libaccess.lib.mcmaster.ca/content/pdf/10.2991%2F978-94-6239-021.pdf`

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18. L. Perko, Differential Equations and Dynamical Systems, Springer-Verlag 1991

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22. F. Verhulst, Nonlinear Differential Equations and Dynamical Systems, Springer-Verlag 1990

23. S. Wiggins, Introduction to Applied Nonlinear Dynamical Systems and Chaos, Texts in Applied Mathematics 2, Springer-Verlag 1990