

UFMFK8-30-3 Dynamical Systems

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Berry, John. 'Ch 4 - Discrete Systems'. Introduction to Nonlinear Systems, Elsevier Science & Technology, 1995, pp. 109–53.

---. Introduction to Nonlinear Systems. Elsevier Science & Technology, 1995.

Brannan, James R., et al. Differential Equations: An Introduction to Modern Methods and Applications. Third edition, Wiley, 2015.

Britton, N. F. Essential Mathematical Biology. Springer, 2003,
<https://www.vlebooks.com/vleweb/product/openreader?id=WofEngland&isbn=9781447100492>.

Britton, Nicholas. 'Ch 4: Population Genetics and Evolution'. Essential Mathematical Biology , Springer, 2003, pp. 117–46,
<https://www.vlebooks.com/vleweb/product/openreader?id=WofEngland&isbn=9781447100492>.

Drazin, P. G. Nonlinear Systems. Cambridge University Press, 1992,
<https://ezproxy.uwe.ac.uk/login?url=https://doi.org/10.1017/CBO9781139172455>.

Glendinning. Stability, Instability and Chaos: An Introduction to the Theory of Nonlinear Differential Equations. Cambridge University Press, 1994,
<https://ezproxy.uwe.ac.uk/login?url=https://www.cambridge.org/core/books/stability-instability-and-chaos/AC9FA2B522B7D94B49150D3A3EBFBB20>.

Meade, Douglas B., et al. Getting Started with Maple. John Wiley and Sons Ltd, 2009.

Murray, J. D. Mathematical Biology. 2nd corrected ed, vol. Biomathematics, Springer, 1993.

Strang, G. 'Ch5: Eigenvalues and Eigenvectors'. Linear Algebra and Its Applications, International ed of 4th revised ed, Cengage Learning, Inc, 2004, pp. 234–309.

Strogatz, Steven. 'Ch 10: One Dimensional Maps'. Nonlinear Dynamics and Chaos: With Applications to Physics, Biology, Chemistry and Engineering, The Perseus Books Group, 2000, pp. 348–88.

Strogatz, Steven H. Nonlinear Dynamics and Chaos: With Applications to Physics, Biology, Chemistry and Engineering. Westview, 2000.