

UFMFK8-30-3 Dynamical Systems

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Berry, J. (1995a) Ch 4 - Discrete SystemsIn: Introduction to Nonlinear Systems. Oxford, Elsevier Science & Technology, 109–153.

Berry, J. (1995b) Introduction to Nonlinear Systems Oxford, Elsevier Science & Technology.

Brannan, J.R., Boyce, W.E. and McKibben, M.A. (2015) Differential equations: an introduction to modern methods and applications Third edition. Hoboken, NJ, Wiley.

Britton, N. (2003a) Ch 4: Population Genetics and EvolutionIn: Essential mathematical biology. [online]. London, Springer, 117–146. Available from: <https://www.vlebooks.com/vleweb/product/openreader?id=WofEngland&isbn=9781447100492>.

Britton, N.F. (2003b) Essential mathematical biology [online]. Springer undergraduate mathematics series, London, Springer. Available from: <https://www.vlebooks.com/vleweb/product/openreader?id=WofEngland&isbn=9781447100492>.

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

Glendinning (1994) Stability, instability and chaos: an introduction to the theory of nonlinear differential equations [online]. Cambridge University Press. Available from: <https://ezproxy.uwe.ac.uk/login?url=https://www.cambridge.org/core/books/stability-instability-and-chaos/AC9FA2B522B7D94B49150D3A3EBFBB20>.

Meade, D.B., May, M., Cheung, C.-K. and Keough, G.E. (2009) Getting Started with Maple Chichester, John Wiley and Sons Ltd.

Murray, J.D. (1993) Mathematical biology 2nd corrected ed. Biomathematics, Berlin ; London, Springer.

Strang, G. (2004) Ch5: Eigenvalues and EigenvectorsIn: Linear Algebra and Its Applications . International ed of 4th revised ed. CA, Cengage Learning, Inc, 234–309.

Strogatz, S. (2000a) Ch 10: One dimensional mapsIn: Nonlinear Dynamics and Chaos: With Applications to Physics, Biology, Chemistry and Engineering. Reading, MA, The Perseus Books Group, 348–388.

Strogatz, S.H. (2000b) Nonlinear dynamics and chaos: with applications to physics, biology, chemistry and engineering Studies in nonlinearity, Cambridge, Mass, Westview.