Differential Equations

The predator–prey equations are a pair of first-order, non-linear, differential equations.

These equations are solved by finding the function for which the
Differential equations are solved by finding the function for which the

Describe the shape of the logistic curve.

Chapter 7:

Chapter 9:

Partial differential equations

Simultaneous ordinary differential equations

This page contains Python programs and data that accompany the book Computational Physics by Mark Newman. You're welcome to download and use these resources freely. Comments and questions are welcome. Resources are listed by chapter: programs and data. See also links for the companion book, Explorations in Scientific Computation. Both books are published by Princeton University Press.


