

# Lab 6: Sequences

**Lab6.ma** is a *Mathematica* notebook that studies the convergence of sequences defined explicitly and recursively. It also analyzes Newton's Method for solving equations.

Like all *Mathematica* notebooks, this one is used by opening its cells and executing its *Mathematica* commands. To open a cell, double-click on its cell bracket. To execute a *Mathematica* command, click on its cell bracket to select it, and then press the Enter key (not the Return key).

**Lab6.wn** explains how to work through **Lab6.ma** on the NeXT.

Author:

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John R Hubbard  
Maths & Computer Sci  
U of Richmond, VA 23173  
hubbard@newton.urich.edu
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Category:

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Mathematics
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Usage:

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This software is used by students  
enrolled in Calculus II  
at the University of Richmond.
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Version:

This software uses Mach 2.0  
and *Mathematica* 2.0

## References:

This software refers to the two books:

*Calculus and Analytic Geometry*, Fourth Edition  
by Sherman K. Stein (McGraw-Hill, 1987).

*A Guidebook to Calculus with Mathematica*  
by Philip Crooke and John Ratcliffe (Wadsworth, 1991).