

# 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.

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Category:

Mathematics

Usage:

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

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).