

# Lab 4: Solids of Revolution

**Lab4.ma** is a *Mathematica* notebook that graphs surfaces of revolution and computes their volumes.

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).

**Lab4.wn** explains how to work through **Lab4.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).