



# Differential Equations with Maple

By Hunt, Brian R.; Lardy, Lawrence J.; Lipsman, Ronald L.; Osborn, John E.; Rosenberg, Jonathan

Wiley, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface iii 1 Introduction 1 1.1 Guiding Philosophy 1 1.2 Student's Guide 3 1.3 Instructor's Guide 4 1.3.1 Maple 4 1.3.2 ODE Chapters 5 1.3.3 Computer Problem Sets 5 1.4 A Word about Software Versions 62 Getting Started with Maple 7 2.1 Platforms and Versions 7 2.2 Installation 7 2.3 Starting Maple 8 2.4 Maple Input 8 2.5 Online Help 9 2.6 Ending a Session 93 Doing Mathematics with Maple 11 3.1 Arithmetic 11 3.2 Symbolic Computation 12 3.3 Assignments 13 3.4 Working with Output 14 3.5 Recovering from Problems 15 3.5.1 Errors in Input 15 3.5.2 Aborting Calculations 15 3.6 Suppressing Output 16 3.7 The Restart Command 16 3.8 Equations 16 3.9 Solving Equations 17 3.10 Functions and Expressions 19 3.10.1 Built-in Functions 19 3.10.2 User-defined Functions 20 3.10.3 Expressions 21 3.11 Substitution 22 3.12 Sequences, Sets, and Lists 23 3.13 Packages 24 3.14 Graphics 25 3.14.1 Plotting Functions and Expressions 25 3.14.2 Plotting Multiple Curves 26 3.14.3 Plotting Points 27 3.14.4 Adding Text to a Plot 27 3.14.5 Parametric Plots 29 3.14.6 Implicit Plots 30 3.14.7 Contour Plots 30 3.15 Calculus 31...



**READ ONLINE**  
[ 1.64 MB ]

## Reviews

*These types of publication is the best book available. it absolutely was writtern very completely and helpful. I am very happy to explain how here is the greatest book we have study within my individual existence and can be he greatest publication for possibly.*

-- **Lucas Brown**

*These kinds of pdf is the greatest ebook readily available. This really is for those who statte that there had not been a worthy of looking at. Your daily life period will be change when you comprehensive looking over this pdf.*

-- **Dock Hodkiewicz**