1.
Record Nr.	UNINA9910777937703321
Autore	Ruskeepaa Heikki
Titolo	Mathematica navigator [[electronic resource]] : mathematics, statistics, and graphics / / Heikki Ruskeepaa
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier/Academic Press, c2009
ISBN	1-282-12084-0
	9786612120848
	0-08-092099-3
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (1135 p.)
Disciplina	510.285/5
Soggetti	Mathematics - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 1063-1065) and index.
Nota di contenuto	Front Cover; Mathematica® Navigator: Mathematics, Statistics, and Graphics; Copyright Page; Contents; Preface; Chapter 1 Starting; 1.1 What Is Mathematica; 1.2 First Calculations; 1.3 Important Conventions; 1.4 Getting Help; 1.5 Editing; Chapter 2 Sightseeing; 2.1 Graphics; 2.2 Expressions; 2.3 Mathematics; Chapter 3 Notebooks; 3.1 Working with Notebooks; 3.2 Editing Notebooks; 3.3 Inputs and Outputs; 3.4 Writing Mathematical Documents; Chapter 4 Files; 4.1 Loading Packages; 4.2 Exporting and Importing; 4.3 Saving for Other Purposes; 4.4 Managing Time and Memory
	Chapter 5 Graphics for Functions5.1 Basic Plots for 2D Functions; 5.2 Other Plots for 2D Functions; 5.3 Plots for 3D Functions; 5.4 Plots for 4D Functions; Chapter 6 Graphics Primitives; 6.1 Introduction to Graphics Primitives; 6.2 Primitives and Directives; Chapter 7 Graphics Options; 7.1 Introduction to Options; 7.2 Options for Form, Ranges, and Fonts; 7.3 Options for Axes, Frames, and Primitives; 7.4 Options for the Curve; 7.5 Options for Surface Plots; 7.6 Options for Contour and Density Plots; Chapter 8 Graphics for Data; 8.1 Basic Plots; 8.2 Scatter Plots; 8.3 Bar Charts
	8.4 Other Plots8.5 Graph Plots; 8.6 Plots for 3D Data; Chapter 9 Data; 9.1 Chemical and Physical Data; 9.2 Geographical and Financial Data; 9.3 Mathematical and Other Data; Chapter 10 Manipulations; 10.1 Basic Manipulation; 10.2 Advanced Manipulation; Chapter 11 Dynamics; 11.1

Sommario/riassunto	Ruskeepaa gives a general introduction to the most recent versions of Mathematica, the symbolic computation software from Wolfram. The book emphasizes graphics, methods of applied mathematics and statistics, and programming. Mathematica Navigator can be used both as a tutorial and as a handbook. While no previous experience with Mathematica is required, most chapters also include advanced material, so that the book will be a valuable resource for both beginners and experienced users.Covers both Mathematica 6 and Mathematica 7Fully revised and