

1. Record Nr.	UNINA9910479893803321
Autore	Kaufmann Stephan
Titolo	A Crash Course in Mathematica [[electronic resource] /] / by Stephan Kaufmann
Pubbl/distr/stampa	Basel : , : Birkhäuser Basel : , : Imprint : Birkhäuser, , 1999
ISBN	3-0348-7589-4
Edizione	[1st ed. 1999.]
Descrizione fisica	1 online resource (200 p.)
Disciplina	510/.285/53
Soggetti	Computer science—Mathematics Computer software Mathematics of Computing Mathematical Software
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	A Short Tour -- Formula Entry -- Numerical Calculations -- Symbolic Mathematics -- Graphics -- Programming -- Some of the Most Important Functions -- 1: The Basics -- 1.1 The Structure of the Program -- 1.2 Online Documentation -- 1.3 Formulas -- 1.4 Simple Calculations -- 2: Graphics -- 2.1 Graphs of Functions of One Variable -- 2.2 Graphs of Functions of Two Variables -- 2.3 Parametric Plots -- 2.4 Tools from Standard Packages -- 2.5 Animations -- 2.6 Exporting to Other Programs -- 3: Lists and Graphics Programming -- 3.1 Lists -- 3.2 Calculating with Lists -- 3.3 Linear Algebra -- 3.4 Graphics Programming -- 3.5 Application: Animating a Mechanism -- 4: Introduction to Programming -- 4.1 Expressions -- 4.2 Patterns -- 4.3 Evaluation -- 4.4 Programming Tools -- 4.5 Further Information.
Sommario/riassunto	"A Crash Course in Mathematica" is a compact introduction to the program Mathematica, which is widely used in mathematics, as well as in the natural and engineering sciences.