

1. Record Nr.	UNISALENTO991001481399707536
Autore	Neugebauer, Otto
Titolo	Vorlesungen über Geschichte der antiken mathematischen Wissenschaften / O. Neugebauer
Pubbl/distr/stampa	Berlin ; Heidelberg ; New York : Springer-Verlag, 1969
Edizione	[2. unveränderte Auflage]
Descrizione fisica	v. ; 24 cm.
Collana	Grundlehren der mathematischen Wissenschaften = A series of comprehensive studies in mathematics, 0072-7830 ; 43
Classificazione	AMS 01A16 AMS 01A17 QA22.N38
Disciplina	510.9
Soggetti	Babylonian Mathematics Egyptian Mathematics Mathematics-history
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Contents: Bd. 1.: Vorgriechische Mathematik

2. Record Nr.	UNINA9910962562303321
Autore	Schmidt Hansen Jesper
Titolo	GNU Octave : beginner's guide : become a proficient Octave user by learning this high-level scientific numerical tool from the ground up // Jesper Schmidt Hansen
Pubbl/distr/stampa	Birmingham : , : Packt Pub., , June 2011
ISBN	9786613349323 9781283349321 1283349329 9781849513333 1849513333
Edizione	[1st ed.]
Descrizione fisica	1 online resource (280 p.)
Collana	Learn by doing : less theory, more results
Disciplina	005.55 518.0285536
Soggetti	Anàlisi numèrica - Informàtica Llenguatges de programació Numerical analysis - Data processing Programming languages (Electronic computers)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1:Introducing GNU Octave; So what is GNU Octave?; Applications; Limitations of Octave; Octave and MATLAB; The Octave community; Installing Octave; Windows; GNU/Linux; Building Octave from the source under GNU/Linux; Time for action - building Octave from source; Checking your installation with peaks; Time for action - testing with peaks; Customizing Octave; Time for action - creating an Octave home directory under Windows.; Creating your first .octaverc file Time for action - editing the .octaverc fileMore on .octaverc; Installing additional packages; Time for action - installing additional packages; Uninstalling a package; Getting help; The behaviour of the Octave command prompt; Summary; Chapter 2:Interacting with Octave: Variables and Operators; Simple numerical variables; Accessing and

changing array elements; More examples; Time for action - manipulating arrays; Complex variables; Text variables; Higher-dimensional arrays; Structures and cell arrays; Structures; Time for action - instantiating a structure; Accessing structure fields Cell arrays Time for action - instantiating a cell array; Getting information; Time for action - using whos; Size, rows, columns, and length; Identifying the variable type; Deleting variables from the workspace; A few things that make life easier; Basic arithmetic; Addition and subtraction; Time for action - doing addition and subtraction operations; Matrix multiplication; Time for action - doing multiplication operations; Element-by-element, power, and transpose operations; Operators for structures and cell arrays; Solving linear equation systems: left and right division Time for action - doing left and right division Basic arithmetic for complex variables; Summary of arithmetic operators; Comparison operators and precedence rules; Precedence rules; Time for action - working with precedence rules; A few hints; Summary; Chapter 3: Working with Octave: Functions and Plotting; Octave functions; Mathematical functions; Time for action - using the cos function; Polynomials in Octave; More complicated mathematical functions; Time for action - putting together mathematical functions; Helper functions; Generating random numbers; min and max; Sorting arrays find, any, and all floor, ceil, round, and fix; Time for action - trying out floor, ceil, round, and fix; sum and prod; Absolute values; Complex input arguments; Operator functions; Linear algebra; Time for action - using Octave for advanced linear algebra; Polynomials; Two-dimensional plotting; Time for action - making your first plot; plot and set; Time for action - changing the figure properties; Adding lines and text to your plot; Plot styles and colors; Title and legends; Ticks; Grids; fplot; Clear the figure window; Moving on; Time for action - having multiple graphs in the same figure Multiple figure windows

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## Sommario/riassunto

Become a proficient Octave user by learning this high-level scientific numerical tool from the ground up

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