

1. Record Nr.	UNISA996385734703316
Autore	Horace
Titolo	Quinti Horatii Flacci Poemata [[electronic resource]] : scholijs siue annotationibus, quæ brevis commentarij vice esse possint a Ioanne Bond illustrata
Pubbl/distr/stampa	Londini, : [Printed by R. Field] impensis Georgij Bishop, 1608
Edizione	[Secunda editio recognita, & a multis mendis repurgata.]
Descrizione fisica	[12], 313, [1] p
Altri autori (Persone)	BondJohn <1550-1612.> Suetonius <ca. 69-ca. 122.>
Lingua di pubblicazione	Latino
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Printer's device (McKerrow 192) on title page recto. Includes Suetonius' life of Horace: "Q. Horatii Flacci vita" from his "De viris illustribus". Reproduction of the original in the Cambridge University Library.
Sommario/riassunto	eebo-0021

2. Record Nr.	UNINA9910300145103321
Autore	Quarteroni Alfio
Titolo	Scientific Computing with MATLAB and Octave // by Alfio Quarteroni, Fausto Saleri, Paola Gervasio
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-642-45367-8
Edizione	[4th ed. 2014.]
Descrizione fisica	1 online resource (XVIII, 442 p.) : online resource
Collana	Texts in Computational Science and Engineering, , 1611-0994
Disciplina	004
Soggetti	Computer science - Mathematics Physics Computational intelligence Chemistry, Physical and theoretical Mathematics Visualization Computational Science and Engineering Numerical and Computational Physics, Simulation Computational Intelligence Theoretical and Computational Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	1. What can' t be ignored -- 2. Nonlinear equations -- 3. Approximation of functions and data -- 4. Numerical differentiation and integration -- 5. Linear systems -- 6. Eigenvalues and eigenvectors -- 7. Numerical optimization -- 8. Ordinary differential equations -- 9. Numerical approximation of boundary-value problems -- 10. Solutions of the exercises -- References -- Index.
Sommario/riassunto	This textbook is an introduction to Scientific Computing, in which several numerical methods for the computer-based solution of certain classes of mathematical problems are illustrated. The authors show how to compute the zeros, the extrema, and the integrals of continuous functions, solve linear systems, approximate functions using polynomials and construct accurate approximations for the solution of ordinary and partial differential equations. To make the

format concrete and appealing, the programming environments Matlab and Octave are adopted as faithful companions. The book contains the solutions to several problems posed in exercises and examples, often originating from important applications. At the end of each chapter, a specific section is devoted to subjects which were not addressed in the book and contains bibliographical references for a more comprehensive treatment of the material. From the review: "... This carefully written textbook, the third English edition, contains substantial new developments on the numerical solution of differential equations. It is typeset in a two-color design and is written in a style suited for readers who have mathematics, natural sciences, computer sciences or economics as a background and who are interested in a well-organized introduction to the subject." Roberto Plato (Siegen), Zentralblatt MATH 1205.65002.
