

1. Record Nr.	UNINA9910789252003321
Autore	Siauw Timmy
Titolo	An introduction to MATLAB programming and numerical methods for engineers // Timmy Siauw, Alexandre M. Bayen
Pubbl/distr/stampa	Amsterdam : , : Elsevier, , [2015] ©2015
ISBN	0-12-799914-0
Descrizione fisica	1 online resource (xix, 317 pages) : illustrations
Disciplina	518.0285/53
Soggetti	Numerical analysis - Data processing Engineering - Data processing Engineering mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	MATLAB(r) Basics -- Variables and Basic Data Structures -- Functions -- Branching Statements -- Iteration -- Recursion -- Complexity -- Representation of Numbers -- Errors, Good Programming Practices, and Debugging -- Reading and Writing Data -- Visualization and Plotting -- Linear Algebra and Systems of Linear Equations -- Least Squares Regression -- Interpolation -- Series -- Root Finding -- Numerical Differentiation -- Numerical Integration -- Ordinary Differential Equations (ODEs).