1. Record Nr. UNINA9910161651203321

Autore	Linge Svein
Titolo	Programming for Computations - MATLAB/Octave [[electronic resource]] : A Gentle Introduction to Numerical Simulations with MATLAB/Octave / / by Svein Linge, Hans Petter Langtangen
Pubbl/distr/stampa	Cham, : Springer Nature, 2016 Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-32452-7
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XVI, 216 p. 43 illus.)
Collana	Texts in Computational Science and Engineering, , 1611-0994 ; ; 14
Disciplina	004
Soggetti	Computer mathematics Numerical analysis Computer software Computational Science and Engineering Numeric Computing Mathematical Software Numerical Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- The first few steps -- Basic constructions -- Computing integrals -- Solving ordinary differential equations -- Solving partial differential equations -- Solving nonlinear algebraic equations -- References -- Index .
Sommario/riassunto	This book presents computer programming as a key method for solving mathematical problems. There are two versions of the book, one for MATLAB and one for Python. The book was inspired by the Springer book TCSE 6: A Primer on Scientific Programming with Python (by Langtangen), but the style is more accessible and concise, in keeping with the needs of engineering students. The book outlines the shortest possible path from no previous experience with programming to a set of skills that allows the students to write simple programs for solving common mathematical problems with numerical methods in engineering and science courses. The emphasis is on generic

		algorithms, clean design of programs, use of functions, and automatic tests for verification.

2.	Record Nr.	UNIORUON00396693
	Autore	WEIL, Simone
	Titolo	L' ombra e la grazia Simone Weil introduzione di Georges Hourdin ; traduzione dal francese di Franco Fortini - Milano : Rusconi, 1985 - 186 p. ; 22 cm.
	Titolo uniforme	Le pesanteur et la grace
	Disciplina	194
	Soggetti	MEDITAZIONI SPIRITUALITA'
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

3. Record Nr. UNINA9910488693003321

Autore	Schedel Anja
Titolo	Cost Sharing, Capacity Investment and Pricing in Networks / / by Anja Schedel
Pubbl/distr/stampa	Wiesbaden : , : Springer Fachmedien Wiesbaden : , : Imprint : Springer Spektrum, , 2021
ISBN	3-658-33170-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (241 pages)
Collana	Mathematische Optimierung und Wirtschaftsmathematik / Mathematical Optimization and Economathematics, , 2523-7934
Disciplina	332.415
Soggetti	Mathematical optimization Algorithms Mathematics Continuous Optimization Applications of Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Preliminaries -- Cost Sharing in Networks -- Capacity and Price Competition in Networks -- Conclusion.
Sommario/riassunto	Anja Schedel analyzes two models in the field of algorithmic game theory which both constitute bilevel problems in networks. The first model is a game-theoretic variant of the well-known Steiner forest problem, and one is interested in an optimal sharing of the cost of the Steiner forest. The author provides (and partially exactly characterizes) network structures which allow for cost-minimal pure Nash equilibria. The second model is motivated from privatized public roads, in which private, selfishly acting firms build roads, and as compensation for their investment, are allowed to set prices for using the roads. For a basic model of this situation, the author shows existence and uniqueness of pure Nash equilibria. The existence result requires a non-standard proof approach since techniques like Kakutani’s fixed point theorem cannot be applied directly. Die Autorin Anja Schedel received her PhD from the University of Augsburg in Germany. She is currently working as a postdoctoral researcher at the University of Augsburg. Her main research interests lie within the field of algorithmic

game theory and include, in particular, cost sharing, bilevel optimization, and flows over time.