

1. Record Nr.	UNINA9910973566203321
Autore	Davis Ernest
Titolo	Linear algebra and probability for computer science applications / / Ernest Davis
Pubbl/distr/stampa	Boca Raton, FL, : CRC Press, ©2012 Boca Raton, Florida ; ; London, [England] ; ; New York : , : CRC Press, , 2012 ©2012
ISBN	1-04-015780-7 0-429-06752-6 1-4665-0159-6
Edizione	[1st ed.]
Descrizione fisica	1 online resource (430 p.)
Collana	An A K Peters Book
Classificazione	MAT000000MAT003000MAT029010
Disciplina	004.01/51
Soggetti	Computer science - Mathematics Algebras, Linear Probabilities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Dedication; Contents; Preface; 1. MATLAB; I: Linear Algebra; 2. Vectors; 3. Matrices; 4. Vector Spaces; 5. Algorithms; 6. Geometry; 7. Change of Basis, DFT, and SVD; II: Probability; 8. Probability; 9. Numerical Random Variables; 10. Markov Models; 11. Confidence Intervals; 12. Monte Carlo Methods; 13. Information and Entropy; 14. Maximum Likelihood Estimation; References; Notation
Sommario/riassunto	"Taking a computer scientist's point of view, this classroom-tested text gives an introduction to linear algebra and probability theory, including some basic aspects of statistics. It discusses examples of applications from a wide range of areas of computer science, including computer graphics, computer vision, robotics, natural language processing, web search, machine learning, statistical analysis, game playing, graph theory, scientific computing, decision theory, coding, cryptography, network analysis, data compression, and signal processing. It includes an extensive discussion of MATLAB, and includes numerous MATLAB exercises and programming assignments"--

2. Record Nr.	UNINA9911043881503321
Autore	Sofronas Anthony
Titolo	Decoding Disasters : An Engineering Approach to Understanding Technical Failures and Natural Catastrophes
Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2025 ©2026
ISBN	9781394319534
Edizione	[1st ed.]
Descrizione fisica	1 online resource (273 pages)
Soggetti	Structural failures Natural disasters
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Understanding failures and disasters using case studies and simple engineering techniques Decoding Disasters provides illustrated failure case histories on a multitude of technologies and shows how engineering analysis can explain and help professionals understand them.