

1.	Record Nr.	UNINA990006363310403321
	Autore	Dowling, Edward T.
	Titolo	Matematica per economisti / Edward T. Dowling
	Pubbl/distr/stampa	Milano : McGraw-Hill Libri italia, 1994
	Disciplina	330.154
	Locazione	FGBC
	Collocazione	XV I 298
	Lingua di pubblicazione	Non definito
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910786132103321
	Autore	Fradkin Eduardo
	Titolo	Field theories of condensed matter physics / / Eduardo Fradkin, University of Illinois at Urbana-Champaign [[electronic resource]]
	Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2013
	ISBN	1-107-23327-5 1-107-30105-X 1-107-25358-6 1-107-31388-0 1-107-30613-2 1-107-30833-X 1-299-40885-0 1-107-31168-3 1-139-01550-8
	Edizione	[Second edition.]
	Descrizione fisica	1 online resource (xvi, 838 pages) : digital, PDF file(s)
	Disciplina	537.6/23
	Soggetti	High temperature superconductivity Hubbard model Antiferromagnetism
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: 1. Introduction; 2. The Hubbard model; 3. The magnetic instability of the Fermi system; 4. The renormalization group and scaling; 5. One-dimensional quantum antiferromagnets; 6. The Luttinger liquid; 7. Sigma models and topological terms; 8. Spin liquid states; 9. Gauge theory, dimer models, and topological phases; 10. Chiral spin states and anyons; 11. Anyon superconductivity; 12. Topology and quantum Hall effect; 13. The fractional quantum Hall effect; 14. Topological fluids; 15. Physics at the edge; 16. Topological insulators; 17. Quantum entanglement; References; Index.
Sommario/riassunto	Presenting the physics of the most challenging problems in condensed matter using the conceptual framework of quantum field theory, this book is of great interest to physicists in condensed matter and high energy and string theorists, as well as mathematicians. Revised and updated, this second edition features new chapters on the renormalization group, the Luttinger liquid, gauge theory, topological fluids, topological insulators and quantum entanglement. The book begins with the basic concepts and tools, developing them gradually to bring readers to the issues currently faced at the frontiers of research, such as topological phases of matter, quantum and classical critical phenomena, quantum Hall effects and superconductors. Other topics covered include one-dimensional strongly correlated systems, quantum ordered and disordered phases, topological structures in condensed matter and in field theory and fractional statistics.

3. Record Nr.	UNINA9911006569103321
Autore	Kumar Govind
Titolo	De-Mystifying Math and Stats for Machine Learning / / Govind Kumar
Pubbl/distr/stampa	Birmingham, : Packt Publishing, Limited, 2024
ISBN	9781836207450
Descrizione fisica	1 online resource (63 p.)
Disciplina	006.3/1
Soggetti	Machine learning - Mathematics Machine learning - Statistics Artificial intelligence - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Sommario/riassunto	Unlock the secrets of math and statistics to elevate your machine learning skills. This comprehensive course covers key concepts, from central tendency to gradient descent, essential for any aspiring data scientist. Key Features Detailed exploration of key mathematical and statistical concepts for Machine Learning. Logical flow from basic to advanced topics for seamless knowledge building. Engaging materials designed to enhance learning and retention. Book Description Beginning with basic concepts like central tendency, dispersion, and types of distribution, this course will help you build a robust understanding of data analysis. It progresses to more advanced topics, including hypothesis testing, outliers, and the intricacies of dependent versus independent variables, ensuring you grasp the statistical tools necessary for data-driven decision-making. Moving ahead, you'll explore the mathematical frameworks crucial for machine learning algorithms. Learn about the significance of percentiles, the distinction between population and sample, and the vital role of precision versus accuracy in data science. Chapters on linear algebra and regression will enhance your ability to implement and interpret complex models, while practical lessons on measuring algorithm accuracy and understanding key machine learning concepts will round out your expertise. The course culminates with an in-depth look at specific machine learning

techniques such as decision trees, k-nearest neighbors (kNN), and gradient descent. Each chapter builds on the last, guiding you through a logical progression of knowledge and skills. By the end, you will have not only mastered the theoretical aspects but also gained practical insights into applying these techniques in real-world scenarios. What you will learn Master the fundamentals of central tendency and dispersion. Understand the different types of data distributions. Differentiate between precision and accuracy in data analysis. Conduct hypothesis testing and identify outliers. Apply linear algebra and regression techniques in machine learning. Implement decision trees, kNN, & gradient descent algorithms. Who this book is for This course is designed for technical professionals, data analysts, and aspiring data scientists who are keen to deepen their understanding of the mathematical and statistical principles behind machine learning. Ideal for those with a basic grasp of algebra and statistics, this course will elevate your data analysis capabilities and enhance your proficiency in developing and fine-tuning machine learning models. Familiarity with programming concepts is recommended to fully benefit from the course content.
