

1. Record Nr.	UNINA9910459744403321
Autore	Egg Matthias
Titolo	Scientific realism in particle physics : a causal approach // Matthias Egg
Pubbl/distr/stampa	Boston, [Massachusetts] ; ; Berlin, [Germany] : , : Walter de Gruyter Inc., , 2014 ©2014
ISBN	3-11-038351-9 3-11-035440-3
Descrizione fisica	1 online resource (200 p.)
Collana	Epistemische Studien : Schriften zur Erkenntnisund Wissenschaftstheorie, , 2198-1884 ; ; Band 29
Classificazione	CC 3500
Disciplina	530.1202855133
Soggetti	Particles (Nuclear physics) - Data processing Physics - Philosophy Realism Electronic books.
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 and index.
Nota di contenuto	Part I. The recent debate on scientific realism -- Part II. Causal realism -- Part III. The quantum challenge.
Sommario/riassunto	Particle physics studies highly complex processes which cannot be directly observed. Scientific realism claims that we are nevertheless warranted in believing that these processes really occur and that the objects involved in them really exist. This book defends a version of scientific realism, called causal realism, in the context of particle physics. The first part of the book introduces the central theses and arguments in the recent philosophical debate on scientific realism and discusses entity realism, which is the most important precursor of causal realism. It also argues against the view that the very debate on scientific realism is not worth pursuing at all. In the second part, causal realism is developed and the key distinction between two kinds of warrant for scientific claims is clarified. This distinction proves its usefulness in a case study analyzing the discovery of the neutrino. It is also shown to be effective against an influential kind of pessimism,

according to which even our best present theories are likely to be replaced some day by radically distinct alternatives. The final part discusses some specific challenges posed to realism by quantum physics, such as non-locality, delayed choice and the absence of particles in relativistic quantum theories.

2. Record Nr.	UNISA996383750903316
Titolo	By the Queene. The Queenes Maiesty being giuen to vnderstand, that sundry lewde and sedicious bruites haue bene lately spread and caryed abroade in many shires of the realme by some vnquiet and factious spirits .. [[electronic resource]]
Pubbl/distr/stampa	Imprinted at London, : By Christopher Barker, printer to the Queenes most excellent Maiestie, [1587]
Descrizione fisica	1 sheet ([1] p.)
Altri autori (Persone)	Elizabeth, Queen of England, <1533-1603.>
Soggetti	Sedition - England England Proclamations Early works to 1800
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Publication date from STC. The date in the title is old style--STC. Against rumors of sedition. Reproduction of the original in the Bodleian Library.
Sommario/riassunto	eebo-0014

3. Record Nr.	UNINA9910896193803321
Autore	Privault Nicolas
Titolo	Discrete Stochastic Processes : Tools for Machine Learning and Data Science // by Nicolas Privault
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-65820-5
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (294 pages)
Collana	Springer Undergraduate Mathematics Series, , 2197-4144
Disciplina	006.310727
Soggetti	Stochastic processes Computer science - Mathematics Stochastic Processes Mathematical Applications in Computer Science Processos de Markov Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	- 1. A Summary of Markov Chains -- 2. Phase-Type Distributions -- 3. Synchronizing Automata -- 4. Random Walks and Recurrence -- 5. Cookie-Excited Random Walks -- 6. Convergence to Equilibrium -- 7. The Ising Model -- 8. Search Engines -- 9. Hidden Markov Model -- 10. Markov Decision Processes.
Sommario/riassunto	This text presents selected applications of discrete-time stochastic processes that involve random interactions and algorithms, and revolve around the Markov property. It covers recurrence properties of (excited) random walks, convergence and mixing of Markov chains, distribution modeling using phase-type distributions, applications to search engines and probabilistic automata, and an introduction to the Ising model used in statistical physics. Applications to data science are also considered via hidden Markov models and Markov decision processes. A total of 32 exercises and 17 longer problems are provided with detailed solutions and cover various topics of interest, including statistical learning.