1. Record Nr.	UNINA9910785429003321
Autore	Belshaw Christopher
Titolo	Annihilation : the sense and significance of death / / Christopher Belshaw [[electronic resource]]
Pubbl/distr/stampa	Durham : , : Acumen Publishing, , 2009
ISBN	1-317-49277-3
	1-315-71171-0
	1-282-94732-X
	9786612947322
	1-84465-411-7
Descrizione fisica	1 online resource (xii, 258 pages) : digital, PDF file(s)
Disciplina	128.5
Soggetti	Death
	Immortality (Philosophy)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 02 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Death -- 2. Definitions -- 3. Human beings -- 4. Is it bad to die? -- 5. Circumstances and degrees -- 6. Posthumous harms -- 7. An asymmetry -- 8. Numbers -- 9. Cheating death -- Appendix. Brain death--history and debate.
Sommario/riassunto	The ever-present possibility of death forces upon us the question of lifes meaning and for this reason death has been a central concern of philosophers throughout history. From Socrates to Heidegger, philosophers have grappled with the nature and significance of death. In Annihilation, Christopher Belshaw explores two central questions at the heart of philosophys engagement with death: what is death; and is it bad that we die? Belshaw begins by distinguishing between literal and metaphorical uses of the term and offers a unified and biological account of death, denying that death brings about non-existence. How our death relates to the death of the brain is explored in detail. Belshaw considers the common-sense view that death is often bad for us by examining the circumstances that might make it bad as well as the grounds for thinking that one death can be worse than another. In addition, Belshaw explores whether we can be harmed after we die and

before we were born. The final chapters explore whether we should prevent more deaths and whether, via cryonics, brain transplants, data storage, we might cheat death. Throughout Belshaw shows how questions of personhood and lifes value are bound up with our views on the sense and significance of death. Annihilations in-depth analysis and insightful exposition will be welcomed not only by philosophers working on the metaphysics of death but also by students and scholars alike looking for a foundation for discussions of the ethics of abortion, euthanasia, life-support and suicide.

2.	Record Nr.	UNINA9910254291403321
	Autore	Lanchier Nicolas
	Titolo	Stochastic Modeling / / by Nicolas Lanchier
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
	ISBN	3-319-50038-4
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (XIII, 303 p. 63 illus., 6 illus. in color.)
	Collana	Universitext, , 0172-5939
	Disciplina	003.76
	Soggetti	Probabilities Mathematical models Probability Theory and Stochastic Processes Mathematical Modeling and Industrial Mathematics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	1. Basics of Measure and Probability Theory -- 2. Distribution and Conditional Expectation -- 3. Limit Theorems -- 4. Stochastic Processes: General Definition -- 5. Martingales -- 6. Branching Processes -- 7. Discrete-time Markov Chains -- 8. Symmetric Simple Random Walks -- 9. Poisson Point and Poisson Processes -- 10. Continuous-time Markov Chains -- 11. Logistic Growth Process -- 12. Wright-Fisher and Moran Models -- 13. Percolation Models -- 14. Interacting Particle Systems -- 15. The Contact Process -- 16. The Voter Model -- 17. Numerical Simulations in C and Matlab.

Sommario/riassunto

Three coherent parts form the material covered in this text, portions of which have not been widely covered in traditional textbooks. In this coverage the reader is quickly introduced to several different topics enriched with 175 exercises which focus on real-world problems. Exercises range from the classics of probability theory to more exotic research-oriented problems based on numerical simulations. Intended for graduate students in mathematics and applied sciences, the text provides the tools and training needed to write and use programs for research purposes. The first part of the text begins with a brief review of measure theory and revisits the main concepts of probability theory, from random variables to the standard limit theorems. The second part covers traditional material on stochastic processes, including martingales, discrete-time Markov chains, Poisson processes, and continuous-time Markov chains. The theory developed is illustrated by a variety of examples surrounding applications such as the gambler's ruin chain, branching processes, symmetric random walks, and queueing systems. The third, more research-oriented part of the text, discusses special stochastic processes of interest in physics, biology, and sociology. Additional emphasis is placed on minimal models that have been used historically to develop new mathematical techniques in the field of stochastic processes: the logistic growth process, the Wright–Fisher model, Kingman's coalescent, percolation models, the contact process, and the voter model. Further treatment of the material explains how these special processes are connected to each other from a modeling perspective as well as their simulation capabilities in C and Matlab™.