1. Record Nr. UNINA9910458870703321

Autore	Saracci Rodolfo <1936->
Titolo	Epidemiology : a very short introduction / / Rodolfo Saracci
Pubbl/distr/stampa	Oxford : ; New York : , : Oxford University Press, , 2010
ISBN	0-19-157282-9
Descrizione fisica	1 online resource (125 pages) : illustrations, maps
Collana	Very short introductions
Disciplina	614.4
Soggetti	Epidemiology Medicine Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. What is epidemiology? -- 2. Measuring health and disease -- 3. Searching for the causes of disease -- 4. Establishing the causes of a disease -- 5. Testing how to control a disease -- 6. Following up people's health -- 7. Investigating people's past experiences -- 8. Mapping health and disease -- 9. From epidemiology to medicine, prevention, and public health -- 10. between ethics and politics.
Sommario/riassunto	What is epidemiology? What are the causes of a new disease? How can pandemics be prevented? Epidemiology is the study of the changing patterns of disease and its main aim is to improve the health of populations. It's a vital field, central to the health of society, to the identification of causes of disease, and to their management and prevention. Epidemiology has had an impact on many areas of medicine; from discovering the relationship between tobacco smoking and lung cancer, to the origin and spread of new epidemics. However, it is often poorly understood, largely due to misrepresentations in the media.In this Very Short Introduction Rodolfo Saracci dispels some of the myths surrounding the study of epidemiology. He provides a general explanation of the principles behind clinical trials, and explains the nature of basic statistics concerning disease. He also looks at the ethical and political issues related to obtaining and using information concerning patients, and trials involving placebos.

2. Record Nr. UNINA9910484414703321

Titolo	Computer Science - Theory and Applications : Fourth International Computer Science Symposium in Russia, CSR 2009, Novosibirsk, Russia, August 18-23, 2009, Proceedings / / edited by Anna Frid, Andrei S. Morozov, Andrey Rybalchenko, Klaus W. Wagner
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	1-280-38317-8 9786613561091 3-642-03351-2
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XIII, 369 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5675
Altri autori (Persone)	FridAnna
Disciplina	004.0151
Soggetti	Computer science Algorithms Machine theory Computer science - Mathematics Coding theory Information theory Theory of Computation Formal Languages and Automata Theory Mathematics of Computing Computer Science Logic and Foundations of Programming Coding and Information Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Well-Founded and Partial Stable Semantics Logical Aspects -- The Reachability Problem over Infinite Graphs -- Kolmogorov Complexity and Model Selection -- Automatic Verification of Heap-Manipulating Programs Using Separation Logic -- Accepted Papers -- Canonical Calculi: Invertibility, Axiom Expansion and (Non)-determinism -- Integrality Property in Preemptive Parallel Machine Scheduling -- Characterizing the Existence of Optimal Proof Systems

and Complete Sets for Promise Classes -- k-SAT Is No Harder Than Decision-Unique-k-SAT -- Unique Decipherability in the Monoid of Languages: An Application of Rational Relations -- Concurrently Non-malleable Black-Box Zero Knowledge in the Bare Public-Key Model -- Approximability Distance in the Space of H-Colourability Problems -- On Random Ordering Constraints -- Depth Reduction for Circuits with a Single Layer of Modular Counting Gates -- A Feebly Secure Trapdoor Function -- Partitioning Graphs into Connected Parts -- Structural Complexity of AvgBPP -- Lower Bounds for the Determinantal Complexity of Explicit Low Degree Polynomials -- Simulation of Arithmetical Circuits by Branching Programs with Preservation of Constant Width and Syntactic Multilinearity -- One-Nonterminal Conjunctive Grammars over a Unary Alphabet -- Concatenation of Regular Languages and Descriptional Complexity -- Approximability of the Maximum Solution Problem for Certain Families of Algebras -- Complete Complexity Classification of Short Shop Scheduling -- Compressed Word Problems in HNN-Extensions and Amalgamated Products -- Variations on Muchnik’s Conditional Complexity Theorem -- An Optimal Bloom Filter Replacement Based on Matrix Solving -- Aperiodicity Measure for Infinite Sequences -- On the Complexity of Matroid Isomorphism Problems -- Breaking Anonymity byLearning a Unique Minimum Hitting Set -- The Budgeted Unique Coverage Problem and Color-Coding -- Formal Verification of Gate-Level Computer Systems -- On Models of a Nondeterministic Computation -- New Plain-Exponential Time Classes for Graph Homomorphism -- Languages Recognized with Unbounded Error by Quantum Finite Automata.

Sommario/riassunto

The 4th International Computer Science Symposium in Russia (CSR 2009) was held August 18-23,2009 in Novosibirsk,Russia, hosted by the Sobolev Institute of Mathematics and Novosibirsk State University. It was the fourth event in the series of regular international meetings, following CSR 2006 in St. Petersburg, CSR 2007 in Ekaterinburg, and CSR 2008 in Moscow. The opening lecture was given by Andrei Voronkov, and four other invited plenary lectures were given by Sergei Odintsov, Wolfgang Thomas, Nikolai Vereshchagin, and Hongseok Yang. This volume contains all the accepted papers and some of the abstracts of the invited speakers. The scope of the proposed topics for the symposium was quite broad and covered basically all areas of computer science. We received 66 papers in total, and the Program Committee selected 29. Yandex provided the Best Student Paper Awards; the recepients of these awards were selected by the Program Committee: - Dmitry Itsykson, "Structural complexity of AvgBPP" - Yuri Pritykin and Julya Ulyashkina, "Aperiodicity measure for in'nite sequences." The reviewing processwasorganizedusing the EasyChairconferencesystem, created by Andrei Voronkov. We are grateful to our sponsors: - Russian Foundation for Basic Research - Yandex (the largest Russian Internet portal providing key Web services). We also thank the group of local organizers and in particular Pavel Salimov.