

1. Record Nr.	UNINA9910780818503321
Titolo	Fundamental concepts in computer science [[electronic resource] /] / editors: Erol Gelenbe, Jean-Pierre Kahane
Pubbl/distr/stampa	London, : Imperial College Press Singapore ; Hackensack, NJ, : Distributed by World Scientific, c2009
ISBN	1-282-44126-4 9786612441264 1-84816-291-X
Descrizione fisica	1 online resource (172 p.)
Collana	Advances in computer science and engineering: texts ; vol. 3
Altri autori (Persone)	GelenbeE. <1945-> KahaneJean-Pierre
Disciplina	004
Soggetti	Computer science Computer science - History
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	Preface; CONTENTS; 1. B ohm's Theorem Stefano Guerrini, Adolfo Piperno and Mariangiola Dezani-Ciancaglini; 2. Membrane Computing: History and Brief Introduction Gheorghe P?au; 3. Critique of Computational Reason in the Natural Sciences Giuseppe Longo; 4. Deterministic Computation with Random G-Networks Erol Gelenbe, Zhi-Hong Mao and Yanda Li; 5. Assertions: A Personal Perspective Tony Hoare; 6. The Call To ARMs Steve Furber; 7. Carl Adam Petri and "Petri Nets" Wilfried Brauer and Wolfgang Reisig; 8. From Stochastic Modeling to Operational Analysis: The Journey Begins Je.rey P. Buzen 9. From Rocket Control to Virtual Design Olivier Pironneau
Sommario/riassunto	This book presents fundamental contributions to computer science as written and recounted by those who made the contributions themselves. As such, it is a highly original approach to a "living history" of the field of computer science. The scope of the book is broad in that it covers all aspects of computer science, going from the theory of computation, the theory of programming, and the theory of computer system performance, all the way to computer hardware and to major numerical applications of computers.

