1.	Record Nr.	UNINA9910454879903321
	Autore	Acharjya D. P
	Titolo	Fundamental approach to discrete mathematics [[electronic resource] /] / D.P. Acharjya, Sreekumar
	Pubbl/distr/stampa	New Delhi, : New Age International (P) Ltd., Publishers, c2009
	ISBN	1-282-24086-2
		9786612240867
		81-224-2863-0
	Edizione	[2nd ed.]
	Descrizione fisica	1 online resource (407 p.)
	Altri autori (Persone)	Sreekumar
	Disciplina	510
		512.8
	Soggetti	Mathematics
		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	Cover; Preface to the Second Edition; Preface to the First Edition; Contents; List of Symbols; Chapter 1. Mathematical Logic; Chapter 2. Set Theory; Chapter 3. Binary Relation; Chapter 4. Function; Chapter 5. Generating Function and Recurrence Relation; Chapter 6. Combinatorics; Chapter 7. Group Theory; Chapter 8. Codes and Group Codes; Chapter 9. Ring Theory; Chapter 10 Boolean Algebra; Chapter 11. Introduction of Lattices; Chapter 12. Graph Theory; Chapter 13. Tree; Chapter 14 Fuzzy Set Theory; References; Index
	Sommario/riassunto	About the Book: The book `Fundamental Approach to Discrete Mathematics` is a required part of pursuing a computer science degree at most universities. It provides in-depth knowledge to the subject for beginners and stimulates further interest in the topic. The salient features of this book include: Strong coverage of key topics involving recurrence relation, combinatorics, Boolean algebra, graph theory and fuzzy set theory. Algorithms and examples integrated throughout the book to bring clarity to the fundamental concepts. Each concept and definition is followed by thoughtful examples.