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Soggetti	Algorithms Computer science - Mathematics Discrete mathematics Computer networks Computer science Artificial intelligence Discrete Mathematics in Computer Science Computer Communication Networks Theory of Computation Computer Science Logic and Foundations of Programming Artificial Intelligence
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Note generali	Includes index.
Nota di contenuto	Algorithms and data structures -- Algorithmic game theory; approximation algorithms and online algorithms -- Automata, languages, logic and computability -- Complexity theory -- Computational learning theory -- Cryptography, reliability and security -- Database theory, computational biology and bioinformatics -- Computational algebra, geometry, number theory, graph drawing and information visualization -- Graph theory, communication networks, optimization and parallel and distributed computing.
Sommario/riassunto	This book constitutes the refereed proceedings of the 21st International Conference on Computing and Combinatorics, COCOON

2015, held in Beijing, China, in August 2015. The 49 revised full papers and 11 shorter papers presented were carefully reviewed and selected from various submissions. The papers cover various topics including algorithms and data structures; algorithmic game theory; approximation algorithms and online algorithms; automata, languages, logic and computability; complexity theory; computational learning theory; cryptography, reliability and security; database theory, computational biology and bioinformatics; computational algebra, geometry, number theory, graph drawing and information visualization; graph theory, communication networks, optimization and parallel and distributed computing.
