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Titolo	How to count : an introduction to combinatorics // by R.B.J.T. Allenby and Alan Slomson
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ISBN	0-429-11312-9 1-4398-9515-5
Edizione	[Second edition.]
Descrizione fisica	1 online resource (440 p.)
Collana	Discrete Mathematics and Its Applications
Disciplina	511/.6
Soggetti	Combinatorial analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Chapman & Hall Book."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front cover; Table of Contents; Preface to the Second Edition; Acknowledgments; Authors; Chapter 1. What's It All About?; Chapter 2. Permutations and Combinations; Chapter 3. Occupancy Problems; Chapter 4. The Inclusion-Exclusion Principle; Chapter 5. Stirling and Catalan Numbers; Chapter 6. Partitions and Dot Diagrams; Chapter 7. Generating Functions and Recurrence Relations; Chapter 8. Partitions and Generating Functions; Chapter 9. Introduction to Graphs; Chapter 10. Trees; Chapter 11. Groups of Permutations; Chapter 12. Group Actions; Chapter 13. Counting Patterns Chapter 14. Polya Counting Chapter 15. Dirichlet's Pigeonhole Principle; Chapter 16. Ramsey Theory; Chapter 17. Rook Polynomials and Matchings; Solutions to the A Exercises; Books for Further Reading; Index of Notation; Back cover
Sommario/riassunto	Emphasizes a Problem Solving Approach A first course in combinatorics Completely revised, How to Count: An Introduction to Combinatorics, Second Edition shows how to solve numerous classic and other interesting combinatorial problems. The authors take an easily accessible approach that introduces problems before leading into the theory involved. Although the authors present most of the topics through concrete problems, they also emphasize the importance of proofs in mathematics.

