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| 1. Record Nr. | UNICAMPANIAVAN0040902 |
| Titolo | 1: Artt. 810-951 / a cura di Michele Annunziata ... [et al.] |
| Pubbl/distr/stampa | Milano, : Giuffrè, 2005 |
| ISBN | 88-14-11646-6 |
| Descrizione fisica | XXVIII, 723 p. ; 25 cm. |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
-
- | | |
|-------------------------|--|
| 2. Record Nr. | UNINA9910813395503321 |
| Autore | Faticoni Theodore G (Theodore Gerard), <1954-> |
| Titolo | Combinatorics : an introduction / / Theodore G. Faticoni |
| Pubbl/distr/stampa | Hoboken, New Jersey : , : Wiley, , 2013
2013 |
| ISBN | 1-118-40748-2
1-118-48029-5 |
| Descrizione fisica | 1 online resource (329 p.) |
| Collana | New York Academy of Sciences |
| Classificazione | MAT036000 |
| Disciplina | 511/.6 |
| Soggetti | Combinatorial analysis |
| 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 | Machine generated contents note: Preface xiii 1 Logic 1 1.1 Formal Logic 1 1.2 Basic Logical Strategies 6 1.3 The Direct Argument 10 1.4 More Argument Forms 12 1.5 Proof By Contradiction 15 1.6 Exercises 23 2 Sets 25 2.1 Set Notation 25 2.2 Predicates 26 2.3 Subsets 28 2.4 Union and Intersection 30 2.5 Exercises 32 3 Venn Diagrams 35 3.1 Inclusion/Exclusion Principle 35 3.2 Two Circle Venn Diagrams 37 3.3 Three Square Venn Diagrams 42 3.4 Exercises 50 4 Multiplication Principle 55 4.1 What is the Principle? 55 4.2 Exercises 60 5 |

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Sommario/riassunto

"This book provides a treatment of counting combinatorics that uniquely includes detailed formulas, proofs, and exercises and features coverage of derangements, elementary probability, conditional probability, independent probability, and Bayes' Theorem. Using elementary applications that never advance beyond the use of Venn diagrams, the inclusion/exclusion formula, the multiplication principal, permutations, and combinations, Combinatorics is perfect for courses on discrete or finite mathematics--or as a reference for anyone who wants to learn about the various applications of elementary combinatorics"--

"This book provides a treatment of counting combinatorics and contains topical discussions beyond what is typically seen in other related books. Formulas are discussed and justified, and examples include unique approaches and ideas to the discussed topics"--