1. Record Nr. UNINA9910437870703321

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Titolo	Magic Graphs / / by Alison M. Marr, W.D. Wallis
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Birkhäuser, , 2013
ISBN	0-8176-8391-7
Edizione	[2nd ed. 2013.]
Descrizione fisica	1 online resource (198 p.)
Disciplina	511.5
Soggetti	Combinatorial analysis Computer science—Mathematics Applied mathematics Engineering mathematics Combinatorics Discrete Mathematics in Computer Science Applications of Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes Index.
Nota di bibliografia	Includes bibliographical references (pages [163]-169) and index.
Nota di contenuto	Preface -- List of Figures -- Preliminaries -- Edge-Magic Total Labelings -- Vertex-Magic Total Labelings -- Totally Magic Labelings -- Magic Type Labeling of Digraphs -- Notes on the Research Problems -- References -- Bibliography -- Answers to Selected Exercises -- Index.
Sommario/riassunto	Magic squares are among the more popular mathematical recreations. Over the last 50 years, many generalizations of “magic” ideas have been applied to graphs. Recently there has been a resurgence of interest in “magic labelings” due to a number of results that have applications to the problem of decomposing graphs into trees. Key features of this second edition include: · a new chapter on magic labeling of directed graphs · applications of theorems from graph theory and interesting counting arguments · new research problems and exercises covering a range of difficulties · a fully updated bibliography and index This concise, self-contained exposition is unique in its focus on the theory of magic graphs/labelings. It may serve as a graduate or advanced undergraduate text for courses in mathematics or computer science, and as reference for the researcher.