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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Dedication -- About the Author -- Preface -- Acknowledgement -- Table of Contents -- Introduction to Graphs -- Subgraphs, Paths and Connected Graphs -- Euler Graphs and Hamiltonian Graphs -- Trees and Fundamental Circuits -- Algorithms on Graphs -- Matrix Representation on Graphs -- Cut Sets and Cut Vertices -- Colouring -- Planar and Dual Graphs -- Network Flows -- Appendix -- References -- Index.
Sommario/riassunto	The book has many important features which make it suitable for both undergraduate and postgraduate students in various branches of engineering and general and applied sciences. The important topics interrelating Mathematics & Computer Science are also covered briefly. The book is useful to readers with a wide range of backgrounds including Mathematics, Computer Science/Computer Applications and Operational Research. While dealing with theorems and algorithms, emphasis is laid on constructions which consist of formal proofs, examples with applications. Uptill, there is scarcity of books in the open literature which cover all the things including most importantly various algorithms and applications with examples.

