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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword -- Preface -- About Mathematica -- First Steps to Mathematica -- Basic Steps to Mathematica -- Sorting Algorithms -- Functions -- Ordinary Differential Equations -- Pi Formulas -- Optimization of Trajectories -- Miscellany -- References -- Index.
Sommario/riassunto	Starting with an introduction to the numerous features of Mathematica®, this book continues with more complex material. It provides the reader with lots of examples and illustrations of how the benefits of Mathematica® can be used. Composed of eleven chapters, it includes the following: A chapter on several sorting algorithms Functions (planar and solid) with many interesting examples Ordinary differential equations Advantages of Mathematica® dealing with the Pi number The power of Mathematica® working with optimal control problems Introduction to Mathematica® with Applications will appeal to researchers, professors and students requiring a computational tool. .