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Soggetti	Engineering - Data processing Science - Data processing Electronic spreadsheets Electronic books.
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Nota di bibliografia	Includes bibliographical references (p. 429) and index.
Nota di contenuto	Introducing visual basic for applications -- Fundamentals of programming with VBA -- Worksheet functions for working with matrices -- Number series -- Interpolation -- Differentiation -- Integration -- Roots of equations -- Systems of simultaneous equations -- Numerical integration of ordinary differential equations part I : initial conditions -- Numerical integration of ordinary differential equations part II : boundary conditions -- Partial differential equations -- Linear regression and curve fitting -- Nonlinear regression using the solver -- Random numbers and the Monte Carlo method.
Sommario/riassunto	Learn to fully harness the power of Microsoft Excel® to perform scientific and engineering calculations With this text as your guide, you can significantly enhance Microsoft Excel's® capabilities to execute the calculations needed to solve a variety of chemical, biochemical, physical, engineering, biological, and medicinal problems. The text begins with two chapters that introduce you to Excel's Visual Basic for

Applications (VBA) programming language, which allows you to expand Excel's® capabilities, although you can still use the text without learning VBA. Following the author's step-by-st