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   Descrizione fisica   1 online resource (476 p.)

   Classificazione   54.50

   Disciplina   620.00285/5369

   Soggetti   Engineering - Data processing
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                               Electronic spreadsheets

   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 (pages [429]-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