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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Mathematical Tools for Physicists; Contents; Preface; List of Contributors; Algebraic Methods; Analytic Methods; Fourier and Other Mathematical Transforms; Fractal Geometry; Geometrical Methods; Green's Functions; Group Theory; Mathematical Modeling; Monte-Carlo Methods; Numerical Methods; Perturbation Methods; Quantum Computation; Quantum Logic; Special Functions; Stochastic Processes; Symmetries and Conservation Laws; Topology; Variational Methods; Index
Sommario/riassunto	Mathematical Tools for Physicists is a unique collection of 18 review articles, each one written by a renowned expert of its field. Their professional style will be beneficial for advanced students as well as for the scientist at work. The first may find a comprehensive introduction while the latter use it as a quick reference. The contributions range from

fundamental methods right up to the latest applications, including:-  
Algebraic/ analytic / geometric methods- Symmetries and conservation  
laws- Mathematical modelling- Quantum computationGreat attention  
was paid to

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