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Disciplina	518/.64
Soggetti	Multigrid methods (Numerical analysis) Numerical analysis Electronic books.
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Preface""; ""Multifrequency inverse source problem for elastic waves""; ""1. Introduction""; ""2. Direct and Inverse Source Problems for Elastic Wave Propagation""; ""3. Reconstruction algorithms""; ""4. Conclusion""; ""References""; ""Multiscale mortar mixed methods for heterogeneous elliptic problems""; ""1. Introduction""; ""2. Mortar domain decomposition mixed method""; ""3. Resolving heterogeneities using homogenization theory""; ""4. A multiscale mortar space based on homogenization""; ""5. Numerical results""; ""6. Conclusions""; ""References"" ""Multi-physical modeling and multi-scale computation of nano-optical responses""""""1. Multi-Physical Modeling and Nano-Optics""; ""2. Linear Response Theory""; ""3. The Self-Consistent Multiscale Method""; ""4. Numerical Examples""; ""5. Adaptive Methods for the Kohn-Sham Equation""; ""6. Concluding Remarks""; ""References""; ""A Lagged Diffusivity Method for Computing Total Variation Regularized Fluid Flow""; ""1. Introduction""; ""2. Total Variation Regularized Optical Flow and LDFPI""; ""3. Results of Optical Flow Calculations""; ""4. Convergence Analysis of LDFPI for Optical Flow""

""5. Conclusions""""""Acknowledgements""; ""References""; ""Estimating the bias of local polynomial approximation methods using the Peano kernel""; ""1. Introduction""; ""2. Problem Formulation and Derivation of Error Estimates""; ""3. Some Values for the Constants and Comparison With Other Results""; ""4. Conclusion""; ""Acknowledgements""; ""References""; ""Stability and dispersion analysis of high order FDTD methods for Maxwella€?s equations in dispersive media""; ""1. Introduction""; ""2. Model Formulation""; ""3. High Order Numerical Methods for Dispersive Media""
""4. Stability Analysis""""""5. Dispersion Analysis""; ""6. Conclusions""; ""Acknowledgments""; ""References""; ""Numerical approximation of a multiscale Leray model for incompressible, viscous flow""; ""1. Introduction""; ""2. Notation and Preliminaries""; ""3. Scheme and Stability""; ""4. Convergence""; ""5. Numerical Experiments""; ""6. Conclusion""; ""References""; ""A High Order Schema for the Numerical Solution of Ordinary Fractional Differential Equations""; ""1. Introduction""; ""2. High order block-by-block schema""; ""3. Estimates of the truncation errors""; ""4. Numerical results""
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