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Classificazione	65N5576M5078A4581V5549N4568W2535Q6178M4035B3692C15
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface -- Multifrequency inverse source problem for elastic waves -- Multiscale mortar mixed methods for heterogeneous elliptic problems -- Multi-physical modeling and multi-scale computation of nano-optical responses -- A Lagged Diffusivity Method for Computing Total Variation Regularized Fluid Flow -- Estimating the bias of local polynomial approximation methods using the Peano kernel -- Stability and dispersion analysis of high order FDTD methods for Maxwell's equations in dispersive media -- Numerical approximation of a multiscale Leray model for incompressible, viscous flow -- A High Order Schema for the Numerical Solution of Ordinary Fractional Differential Equations -- 3-D patterns in bacterial biofilms -- Critical path for an optimal hedging strategy -- Reservoir Simulation on NVIDIA Tesla GPUs -- Two-grid -DGFEM for second order quasilinear elliptic PDEs based on an incomplete Newton iteration -- On the enforcement of discrete mass conservation in incompressible flow simulations with continuous velocity approximation -- An adaptive treecode algorithm for computing the evolution of microstructures in an elastic media -- Chebyshev spectral-collocation method for Volterra integral equations -- A numerical method for generalized Fokker-Planck equations -- Numerical study of a viscoelastic flow in a moving domain -- A

superconvergence of the Morley element via postprocessing -- A nonsmooth Newton multigrid method for a hybrid, shallow model of marine ice sheets -- Component mode synthesis for laminar viscous incompressible fluid flow -- Numerical analysis of wall adapted nonlinear filter models of turbulent flows -- Stability of partitioned methods for magnetohydrodynamics flows at small magnetic Reynolds number -- LNG_FEM: Graded Meshes on Domains of Polygonal Structures -- Homogenized discontinuous Galerkin method for Maxwell's equations in periodic structured dispersive media -- Immersed finite element method of lines for moving interface problems with nonhomogeneous flux jump -- B-spline Gaussian collocation software for 1D parabolic PDEs -- The central-upwind finite-volume method for atmospheric numerical modeling -- Sensitivity computations of the Leray- model -- A sparse multiresolution stochastic approximation for uncertainty quantification -- A mixed finite element method for a time-dependent incompressible MHD problem -- A compact splitting scheme approach on nonuniform grids -- Survey on discontinuous Galerkin methods for Hamilton-Jacobi equations -- Coupling surface and subsurface flows with curved interfaces -- Reconstruction of obstacles embedded in waveguides -- Full Eulerian modeling and effective numerical studies for the dynamic fluid-structure interaction problem -- A multiple-endpoints Chebyshev collocation method for high order differential equations -- Discontinuous residual distribution schemes for time-dependent problems.
