

1. Record Nr.	UNINA9910788766303321
Titolo	Recent advances in scientific computing and applications : eighth International Conference on Scientific Computing and Applications, April 1-4, 2012, University of Nevada, Las Vegas, Nevada // Jichun Li, Hongtao Yang, Eric Machorro, editors
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2013 ©2013
ISBN	0-8218-9501-X
Descrizione fisica	1 online resource (396 p.)
Collana	Contemporary mathematics, , 1098-3627 ; ; 586 , 0271-4132
Classificazione	65N5576M5078A4581V5549N4568W2535Q6178M4035B3692C15
Disciplina	518/.64
Soggetti	Multigrid methods (Numerical analysis) Numerical analysis
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.
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.

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2. Record Nr.	UNINA9910557663003321
Autore	Bodis-Wollner Ivan
Titolo	Behold the Eye in Parkinson's Disease & Alzheimer's Disease
Pubbl/distr/stampa	Frontiers Media SA, 2020
Descrizione fisica	1 online resource (106 p.)
Soggetti	Medicine and Nursing Neurology and clinical neurophysiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>This eBook is a collection of articles from a Frontiers Research Topic. Frontiers Research Topics are very popular trademarks of the Frontiers Journals Series: they are collections of at least ten articles, all centered on a particular subject. With their unique mix of varied contributions from Original Research to Review Articles, Frontiers Research Topics unify the most influential researchers, the latest key findings and historical advances in a hot research area! Find out more on how to host your own Frontiers Research Topic or contribute to one as an author by contacting the Frontiers Editorial Office: <a href="https://www.frontiersin.org/about/contact">frontiersin.org/about/contact</a></p>