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TITOLO

Uncertainty Modeling and Propagation in Linear Kinetic Equations
 Monte-Carlo Finite-Volume Methods in Uncertainty Quantification for Hyperbolic Conservation Laws
 The Stochastic Finite Volume Method
 Numerical Methods for High-Dimensional Kinetic Equations
 Complex Differential Equations and Geometric Structures on Curves
 Theory and Application of Nonlinear Time Series Analysis
 Drift Parameter Estimation in Diffusion and Fractional Diffusion Models
 Introduction and Mathematical Backgrounds
 Mathematical Formulation of Non-relativistic Quantum Mechanics
 Introduction to the Algebraic Formulation of Quantum Theories
 On supersymmetric eigenvectors of the 5D discrete Fourier transform
 Hyperbolic Structures on Surfaces and Geodesic Currents
 Realization of the Convexity of the Weight Function
 Harmonic Almost Hermitian Structures
 Unique Factorization in Torsion-Free Modules
 Reducing Fractions to Lowest Terms
 A Note on Analytically Irreducible Domains
 Differential Geometry
 Divided Differences and Two-sided Polynomial Interpolation Over Quaternions
 On Some Extremal Problems for Analytic Functions with Constraints on Real or Imaginary Parts
 Directing Functionals and De Branges Space Completions in Almost Pontryagin Spaces
 Mathematical Thermodynamics of Viscous Fluids
 Rigorous Bounds on Scaling Laws in Fluid Dynamics
 Noise and Dissipation in Rigid Body Motion
 A Kinetic Approach to Steady Detonation Waves and Their Linear Stability
 Weak Solutions to the Navier–Stokes Equations with Data in $L^3(\cdot, \infty)$
 A Polynomial Identity via Differential Operators
 F-Thresholds, Integral Closure and Convexity
 Invariant Distances
 Dynamics in Several Complex Variables
 hp-Version Discontinuous Galerkin Approximations of the Elastodynamics Equation
 Computational Aspects of a Time Evolution Scheme for Incompressible Boussinesq Navier–Stokes in a Cylinder
 On Multiple Modes of Propagation of High-Order Finite Element Methods for the Acoustic Wave Equation
 Induced and Complete Multinets
 Kobayashi hyperbolicity: basic theory
 Algebraic hyperbolicity
 Jets spaces
 Hyperbolicity and negativity of the curvature
 Elements for the Retrieval of the Solar Spectrum on the Surface of Mars from an Array of Photodiodes
 Algebras and Derivations
 Hasse–Schmidt Derivations on Exterior Algebras
 Schubert Derivations
 Decomposable Tensors in Exterior Powers
 Electron Quantum Transport in Disordered Graphene
 Turning Points of Nonlinear Circuits
 Integration by parts formulas and the Riesz transform
 Construction of integration by parts formulas
 Functional Kolmogorov equations
 Numerical Analysis of Frazil Ice Formation in Turbulent Convection
 Multigrid Algorithms for High Order Discontinuous Galerkin Methods
 A Probabilistic Motivation
 An Introduction to the Fractional Laplacian
 Extension Problems
 Nonlocal Phase Transitions
 Beauville Surfaces
 A GPU Implementation of the ASP Computation
 Debits and Credits in Petri Nets and Linear Logic
 Knowledge Acquisition via Non-monotonic Reasoning in Distributed Heterogeneous Environments
 Maxwell's Equations: Continuous and Discrete
 Numerical Approximation of Maxwell Equations in Low-Frequency Regime
 Time Domain Integral Equation Methods in Computational Electromagnetism
 Analysis of Some Qualitative Methods for Inverse Electromagnetic Scattering Problems
 On Sharp Large Deviations for the Bridge of a General Diffusion
 Some Introductory Notes on Random Graphs
 Statistical Physics and Network Optimization Problems
 Graphical Models and Message-Passing Algorithms: Some Introductory Lectures
 Bridging the Gap Between Information Theory and Wireless Networking
 Model Theory in Algebra, Analysis and Arithmetic: A Preface
 Lectures on the Model Theory of Real and Complex Exponentiation
 EM-TV Methods for Inverse Problems with Poisson Noise
 Variational Methods in Image Matching and Motion Extraction