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spaces""""Non-isotropic Jacobi spectral method""; ""Improved method for solving the heat equation with BEM and collocation""; ""Modelling of transport with non-equilibrium effects in dual-porosity media""; ""Error estimate for a two-level scheme of Newton type for the Navier-Stokes equation""; ""Mathematical modeling and numerical algorithms for poroelastic problems""; ""Fast Poisson solver in a three-dimensional ellipsoid""

""Modeling horizontal wells with the CVFA method in black oil reservoir simulations""""Radial basis function based meshless method for groundwater modeling""; ""Upwinding finite covolume methods for unsteady convection-diffusion problems""; ""Parallel computing in the black oil model""; ""Finite element model of piezoelectric resonator""; ""Discontinuous finite element methods for acoustic and elastic wave problems""; ""Heuristics for developing variations on future air traffic schedule characteristics for air traffic simulation""; ""FEM/FVM modelling of processes in a combustion engine""

""A finite control volume method for the reduction of an iron ore-coal composite pellet in an axisymmetric temperature field""""The fast multipole method for arbitrary Green's functions""; ""A mathematical model for ESP simulation""; ""Mixed-hybrid discrete fracture network model""; ""A new numerical algorithm for treatment of convective terms and its applications to PDEs""; ""Direct numerical simulation of turbulent channel flow with bubbles""; ""RKDG finite element schemes combined with a gas-kinetic method for one-dimensional compressible Euler equations""

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