

List of Fortcoming Articles

A SCHEME FOR SIMULATING PARTICLE PAIR MOTIONS IN TURBULENT FLUID. Robert G. Lamb, *Division of Meteorology MD-80, U.S. Environmental Protection Agency, Research Triangle Park, NC 27711, USA.*

DIFFERENCING OF THE DIFFUSION EQUATION IN LAGRANGIAN HYDRODYNAMIC CODES. David S. Ketchaw, *L-477, Lawrence Livermore National Laboratory, P. O. Box 808, Livermore, CA 94550, USA.*

A DIAGONAL FORM OF AN IMPLICIT APPROXIMATE-FACTORIZATION ALGORITHM. T. H. Pulliam, *NASA Ames Research Center, Moffett Field, CA 94035,* and D. S. Chaussee, *Flow Simulations, Inc., 298 Sunnyvale Ave., Sunnyvale, CA 94086, USA.*

VORTEX METHODS FOR FLOW SIMULATION. A. Leonard, *NASA Ames Research Center, Moffett Field, CA 94035, USA.*

VARIATIONAL DISCRETIZATION: A NEW ALGORITHM FOR THE GENERATOR COORDINATE METHOD. F. Arickx, J. Broeckhove, E. Deumens, and P. Van Leuven, *Dienst Theoretische en Wiskundige Natuurkunde, University of Antwerp, Groenenborgerlaan 171, 2020 Antwerpen, BELGIUM.*

ON NUMERICAL DIFFERENTIATION ON A NON-UNIFORM GRID. Andrea Prosperetti, *Istituto di Fisica, Via Celoria 16, 20133 Milano, ITALY.*