

# Parallel algorithms for partial differential equations - proceedings of the Sixth GAMM-Seminar, Kiel, January 19-21, 1990

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Notes on numerical fluid mechanics, Parallel algorithms for partial differential equations - proceedings of the Sixth GAMM-Seminar, Kiel, January 19-21, 1990

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#Parallel #Multi

## Breaking Dimensions: Adaptive Scoring with Sparse Grids

Nichols Mixed Output Feedbacks for Descriptor Systems Preprint SPC 95-37, Forschergruppe Scientific Parallel Computing, Fakultät für Mathematik, TU Chemnitz-Zwickau.

## Parallel solvers for nonlinear elliptic problems based on domain decomposition ideas

An Implicit Off-Step Point Method for the Integration of Stiff Differential Equations, Computing 31 1983 177-183. Mehrmann Adaptive solution of PDE-eigenvalue problems Proceedings on Applied Mathematics and Mechanics, No.

## Parallel solvers for nonlinear elliptic problems based on domain decomposition ideas

Implementation of a-Type Multistep Methods for Stiff Differential Equations, Journal of Computational and Applied Mathematics 22 1988 63-69. There are Richardson extrapolation, truncation error extrapolation, and extrapolation of the functional. The space-parallel multi-grid method could be interpreted as a global multi-grid with a special domain decomposition smoother.

## AMS :: Mathematics of Computation

In Wolfgang Hackbusch, Editor, Parallel Algorithms for Partial Differential Equations, Proceedings of the Sixth GAMM-Seminar, Kiel, January 19—21, 1990, pages 18—27, Notes on Numerical Fluid Mechanics, Volume 31, Vieweg-Verlag, Braunschweig, 1991.

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Mehrmann Smooth Decompositions and Derivatives Proceedings of the 13th IMACS World Congress on Computation and Applied Mathematics, Dublin Irland, 1991, pp. . Cite this chapter as: Paprotny A.

#### **EPODE**

On the Hypothesis for the Error Estimate of Newton's Method, Proceedings of the IVth Symposium on Mathematics and Appl. Poloni Robust control via the computation of permuted graph bases.

#### **EPODE**

A parallel Implicit Runge-Kutta Method, in Bader,G. Mehrmann Positivity preserving simulation of linear differential-algebraic systems.

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