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Distributed/Parallel Applications

Iterative Splitting Methods for Multiscale Problems

Jürgen Geiser

Scalable Hybrid Deterministic/Monte Carlo Neutronics Simulations in Two Space Dimensions

Jeffrey Willert, C.T. Kelley, D.A. Knoll, and H. Park

Research on QoS Reliability Prediction in Web Service Composition

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Iterative Krylov Methods for Gravity Problems on Graphics Processing Unit

Abal-Kassim Cheik Ahamed and Frédéric Magoulès

The DFrame: Parallel Programming Using a Distributed Framework Implemented in MPI

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Model Size Challenge to Analysis Software

Peter Chow and Serban Georgescu

Aspect-Oriented Approach to Modeling Railway Cyber Physical Systems

Lichen Zhang

Automatic Concurrent Program Generation from Petri Nets

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