ANTHONY THEODORE CHRONOPOULOS

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Refereed Journal Publications


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Y Han, AT Chronopoulos, Proceedings of the 27th IEEE International Parallel and Distributed Processing Symposium, Large-Scale Parallel Processing Workshop, pp. 1735-1742, Boston, Massachusetts, USA, May 2013.
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Studying the impact of synchronization frequency on scheduling tasks with dependencies in heterogeneous systems  
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F. M. Ciorba, T. Andronikos, I. Riakiotakis, G. Papakonstantinou, A. T. Chronopoulos,  

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K. Kyriakopoulos, A. T. Chronopoulos, L. Ni,  

Multi-dimensional dynamic loop scheduling algorithms  
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**Different numerical approaches in the analysis of dielectric optical waveguides**

**Numerical Techniques for Modeling Guided-Wave Photonic Devices**
R. Scarmozzino, Member, IEEE, A. Gopinath, R. Pregla, Fellow, IEEE, and S. Helfert, IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS, VOL. 6, NO. 1, JANUARY/FEBRUARY 2000

**Airbridged high-speed AlGaAs-GaAs ridge waveguide lasers**

**Analysis of dielectric guides by transverse magnetic field finite element penalty method**

**AlGaAs/GaAs ridge waveguide lasers on semi-insulating substrate with airbridged contacts with 21 GHz modulation response frequency**

**AlGaAs/GaAs Active Optical Ridge Waveguide Switch/Modulator on a Semi-Insulating Substrate**

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**Efficient iterative methods applied to the solution of transonic flows**

**On nonlinear generalized conjugate gradient methods**

**Iterative methods for nonsymmetric systems in DAEs and stiff ODEs codes**

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**Cost minimization in utility computing systems**

**DISTRIBUTED ALGORITHMS FOR PROVIDING FAIRNESS IN HETEROGENEOUS COMPUTER SYSTEMS**

**Game-theoretic static load balancing for distributed systems**

**Job Allocation in E-Commerce Systems InvolvingSelf-Interested Agents**

**Dynamic Cost Minimization for Multi-Class Jobs in Computational Grids**

**Static Load Balancing for Cost Minimization in Distributed Computing Systems**

**Comparison of Price-Based Static and Dynamic Job Allocation Schemes for Grid Computing Systems**
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A game theoretic approach for medium access of open spectrum in cognitive radios

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Penmatsa, Satish, PhD Thesis, The University of Texas at San Antonio, ProQuest Dissertations & Theses (PQDT), 2007

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T Andronikos, FM Ciorba, I Riakiotakis, G. Papakonstantinou, A. T. Chronopoulous
Performance Evaluation Volume 67, Issue 12, Pages 1324-1339, December 2010

Implementation of dynamic loop scheduling in reconfigurable platforms

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FM Ciorba, PhD. Thesis, National Technical University of Athens, Greece, 2008 - artemis-new.cslab.ece.ntua.gr

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s-Step iterative methods for (non) symmetric (in) definite linear systems
s-step iterative methods for symmetric linear systems
On the efficient implementation of preconditioned s-step conjugate gradient methods on multiprocessors with memory hierarchy


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