ANTHONY THEODORE CHRONOPOULOS

CITATIONS FOR H-INDEX

Citations for 29 publications, which are used to compute the author h-index=29
(This list also contains some self-citations, only if needed to compute the h-index)
Publications accessible at: www.cs.utsa.edu/faculty/atc

Please reference our publications, if they are relevant to your research
(Sources: Citesee, google, MathScinet, proQuest, scopus, web-of-science)

Refereed Journal Publications


Non-Self Citations

(33)


Non-Self citations

(83)


Non-Self citations

(56)


Non-Self citations

(41)


Citations

(33)

Co-author Citations

(10)

Scalable Loop Self-Scheduling Schemes for Large-Scale Clusters and Cloud Systems

Y. Han, A. T. Chronopoulos, International Journal of Parallel Programming, 1-17, (Online), May 2016 (Springer).

A Resilient Hierarchical Distributed Loop Self-Scheduling Scheme for Cloud Systems

Y Han, AT Chronopoulos, Network Computing and Applications (NCA), 2014 IEEE 13th International Symposium on, pp. 80-84. IEEE, 2014.

Distributed Loop Scheduling Schemes for Cloud Systems


Scalable Loop Self-Scheduling Schemes Implemented on Large-Scale Clusters

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.

Towards the optimal synchronization granularity for dynamic scheduling of pipelined computations on heterogeneous computing systems


Studying the impact of synchronization frequency on scheduling tasks with dependencies in heterogeneous systems


Enhancing self-scheduling algorithms via synchronization and weighting

F. M. Ciorba, T. Andronikos, I. Riakiotakis, G. Papakonstantinou, A. T. Chronopoulos,
Optimal synchronization frequency for dynamic pipelined computations on heterogeneous systems

An optimal scheduling scheme for tiling in distributed systems

Multi-dimensional dynamic loop scheduling algorithms

Non-Self Citations
(23)


Non-Self Citations
(160)


Non-Self Citations
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Non-Self Citations
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Non-Self Citations
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Citations
(33)

Co-author Citations
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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

Non-Self Citations (27)


Non-Self Citations (47)


Citations (30)

Co-author Citations (3)

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

Non-Self Citations (27)


Non-Self Citations (53)


Non-Self Citations (37)


Non-Self Citations (61)


Non-Self Citations (153)

ACM/IEEE Refereed Conference Proceedings Publications


Non-Self Citations (48)


Citations
**Cost minimization in utility computing systems**

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

**Job Allocation in E-Commerce Systems Involving Self-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**

**Cooperative load balancing in distributed systems**

**Dynamic multi-user load balancing in distributed systems**

**A game theoretic approach for medium access of open spectrum in cognitive radios**

**Game theory based job allocation/load balancing in distributed systems with applications to grid computing**
Penmatsa, Satish, PhD Thesis, The University of Texas at San Antonio, ProQuest Dissertations & Theses (PQDT), 2007

**Game theoretic approach to quality of service and resource management in wireless systems**

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Scalable Loop Self-Scheduling Schemes for Large-Scale Clusters and Cloud Systems
Y. Han, A. T. Chronopoulos, International Journal of Parallel Programming, 1-17, (Online), May 2016 (Springer).

Hierarchical distributed loop self-scheduling schemes on cluster and cloud systems
Han, Yiming, The University of Texas at San Antonio, ProQuest, UMI Dissertations Publishing, 2014.

Distributed Loop Scheduling Schemes for Cloud Systems

Towards the optimal synchronization granularity for dynamic scheduling of pipelined computations on heterogeneous computing systems

Distributed dynamic load balancing for pipelined computations on heterogeneous systems

Studying the impact of synchronization frequency on scheduling tasks with dependencies in heterogeneous systems
T Andronikos, FM Ciorba, I Riaziotakis, G. Papakonstantinou, A. T. Chronopoulos
Performance Evaluation Volume 67, Issue 12, Pages 1324-1339, December 2010

Implementation of dynamic loop scheduling in reconfigurable platforms

(10) Algorithms Design for the Parallelization of Nested Loops
FM Ciorba, PhD. Thesis, National Technical University of Athens, Greece, 2008 - artemis-new.cslab.ece.ntua.gr

Enhancing self-scheduling algorithms via synchronization and weighting

A Flexible General-Purpose Parallelizing Architecture for Nested Loops in Reconfigurable Platforms

Optimal synchronization frequency for dynamic pipelined computations on heterogeneous systems

Studying the impact of synchronization frequency on scheduling tasks with dependencies in heterogeneous systems

Hardware Solution of a First-Order Diophantine Equation
I Panagopoulos, C Pavlatos, A Dimopoulos, G. Papakonstantinou, HERCMA 2007, Athens 2007 - Citeseer

An optimal scheduling scheme for tiling in distributed systems

Multi-dimensional dynamic loop scheduling algorithms

Dynamic scheduling for dependence loops on heterogeneous clusters

Self-adapting scheduling for tasks with dependencies in stochastic environments

Non-Self Citations
(13)

Non-Self Citations (43)


Citations (32)

Co-author Citations (4)

Scalable Loop Self-Scheduling Schemes for Large-Scale Clusters and Cloud Systems
Y. Han, A. T. Chronopoulos, International Journal of Parallel Programming, 1-17, (Online), May 2016 (Springer).

Towards the optimal synchronization granularity for dynamic scheduling of pipelined computations on heterogeneous computing systems

Distributed dynamic load balancing for pipelined computations on heterogeneous systems

Multi-dimensional dynamic loop scheduling algorithms

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Non-Self Citations (29)


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Non-Self Citations (145)


Other Publications


Non-Self Citations (45)

Citations

Co-author Citations

Uzawa Algorithms for Fully Fuzzy Linear Systems

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

Non-Self Citations

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