

A Complete Bibliography of *Parallel and Distributed  
Computing Practices* and *Scalable Computing:  
Practice and Experience*

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

07 August 2013  
Version 2.04

**Title word cross-reference**

[CD00, HD02, ITT02, KSR02, BRPM98].  
**Algorithms**  
[BF98, DFKL02, GZ99, GN98, GMMV00,  
PU02, Son00, TTKG02, Tro02, Bar02].  
0 [ICC02]. 1 [ICC02]. 3 [Mac00]. *R* [BSF98].  
**Analog** [Akl02]. **Analyser** [MV00].  
- [ICC02]. **Analysis** [ABD<sup>+</sup>00, BGG<sup>+</sup>02, HJHK02,  
HNW<sup>+</sup>02, Kot00, WJT02]. **Analyzing**  
[GMMV00, TST02]. **Annotations** [GE98].  
**2000** [ZSnH01]. **Anomaly** [BTO<sup>+</sup>01]. **Ant** [ITT02, KSR02].  
**Ant-colony** [KSR02]. **Antialiasing** [MV00].  
**A-NETL** [BYIO00]. **Access** [CPC00, HJM00]. **Ad** [ITT02, JVZ01].  
**Adaptation** [JWP<sup>+</sup>02]. **Adapting** [Key99].  
**Adaptive** [BH99, KM02, KN02, Sch02, SM02a].  
**Aggressive** [Agr99]. **Air** [GZ99]. **algebra**  
[Bar02]. **Algorithm** [AKLL99, BSF98, GL99, KM02,  
**Application** [AST02, Bes99, JWP<sup>+</sup>02,  
QH00, SM02a, RJC98]. **Applications**  
[AKY<sup>+</sup>02, BS99a, ES00, HB99, ITT02,  
Mac00, Mar02b, PK01, RLR00, SS00,  
TZVU02, WM01]. **Applying** [SRW01].  
**Approach** [AKLL99, BSF98, GL99, KM02,

eK98, SW00, SJC99]. **Approaches** [AJMJS02]. **Archetypal** [HIK99]. **Architectural** [Bad99, Key99]. **Architecture** [GFS99, SS00, CVLNP02]. **Architectures** [Gom98, HD02, NJN00, SW00, RJC98]. **Array** [HD02]. **Arrays** [SL01]. **Assembly** [Kut02]. **Associative** [KSSM00]. **Asynchrony** [SRU98]. **ATM** [NS98]. **Automorphic** [Con99]. **Automata** [DC98, HLL<sup>+</sup>98, MSC98]. **Automatic** [GE98, Yam98]. **Availability** [LLS01]. **AVS** [NH98].

**Balancing** [CD00, GL99, HB99, KN02, WJT02]. **Band** [Bes99]. **Banded** [ACDH99]. **Based** [AKY<sup>+</sup>02, BTO<sup>+</sup>01, KM02, LLS01, LS02, Omm01, SM02a, SM02b, Tuo00, WZ99, dSBA99, vKdRST99, LG99, OOBG<sup>+</sup>02, SP98, WCS99]. **Behavior** [TST02]. **Benchmark** [SWR<sup>+</sup>00]. **Benchmarks** [ZSnH01]. **benefit** [AVC<sup>+</sup>02]. **Birge** [HBL02]. **Bit** [SL01]. **Bitstream** [Kut02]. **Block** [PU02]. **Block-Matching** [PU02]. **Board** [Var99]. **Body** [AST02]. **Book** [Ang01, Ano98a, Ano98b, Ano99a, Ano99b, Ano99c, Ano00a, Ano00b, Ano01a, GH02, Kim01, Omm01, Pal01, Pan00a, Pan00b, Pan01]. **Broadcast** [vKdRST99]. **Building** [MW01]. **Bus** [LG99]. **Bus-based** [LG99].

**C3** [BFG<sup>+</sup>01]. **Call** [KL99]. **Can** [Gos01]. **Capacities** [NHN00]. **Capacity** [ABD<sup>+</sup>00]. **Capturing** [SM02b]. **CARPET** [ST98]. **Case** [HNW<sup>+</sup>02, HF98, PWPM99]. **Cases** [Gom98]. **Caused** [WJT02]. **Cellular** [DC98, MSC98]. **Challenges** [MW01, Mas02, Szy98]. **Classifiers** [LY01]. **Cluster** [BDDL01, CD00, FD99, HD02, KN02, BFG<sup>+</sup>01]. **Clusteral** [KC00]. **Clusters** [Agr99, BS99b, Gos01, HPP02, WG99, dSBA99, Ano98d, MNT02, WJJ98]. **collaborative** [RMB<sup>+</sup>98]. **Colony** [ITT02, KSR02]. **Comeback** [Red99]. **Command** [BFG<sup>+</sup>01]. **Communication** [AL99, Agr99, Ano01b, GB99, CX01, Sch02, Ano98d, WJJ98]. **Communications** [CD00]. **Comparing** [GN98, ICC02]. **Comparison** [ACDH99]. **Comparisons** [HIK99]. **Compensation** [PU02]. **Complex** [MS01, MW01, SM02a, AVC<sup>+</sup>02]. **Complexity** [BK00]. **Component** [KM02, PL00]. **Component-Based** [KM02]. **Components** [DdSL02, PWPM99]. **Compound** [WM01]. **Compression** [Kut02]. **Computation** [AL99, FNH99, FNS99, OBV02, NS98]. **Computational** [Akl02]. **Computations** [CPA00, HIK99, WZ99]. **Computer** [LY01, MP00]. **Computers** [Bes99, ST98, Tro02]. **Computing** [AKY<sup>+</sup>02, AKLL99, AST02, Bad99, BS99b, DFKL02, FD99, Gos01, Kim01, LS02, MNT02, MLB99, MSC98, MB00, MW01, NJN00, PWPM99, QH00, Sch00, SRU98, SJC99, Szy98, PMM98]. **Concepts** [WLKB01]. **Concerning** [TST02]. **Conciliating** [Gir00]. **Concurrent** [Yam98, MMMS98]. **Condition** [HLL<sup>+</sup>98]. **Condition/Event** [HLL<sup>+</sup>98]. **Conjugate** [Bes99]. **Connectionism** [Gir00]. **Connectivity** [KSSM00]. **Conservative** [Ano01c, GLC<sup>+</sup>01]. **Considerations** [HZLR02]. **Consistency** [SBM99]. **Constructing** [RLR00]. **Consumption** [JVZ01]. **Control** [BFG<sup>+</sup>01, LLS01, Var99, Wel98, WH98, GFS99]. **Cooperative** [GL99]. **CORBA** [Ang01, ABD02, PWPM99]. **Correlated** [OSS01]. **Critical** [TW01]. **Criticality** [OSS01].

**D** [AKY<sup>+</sup>02, Mac00]. **Data** [Ema99, HJM00]. **Database** [Pal01]. **Databases** [BDDL01]. **Dataflow** [SRU98]. **DCOM** [TUO00]. **DCOM-Based** [TUO00]. **DDSCHEM** [BRPM98]. **Deadline**

[HJHK02]. **Debugger** [WCS99]. **Debugger** [KK01b]. **Debugging** [DLC01]. **Decision** [LY01]. **Declustering** [CK99]. **decomposition** [MMMS98]. **Dedicated** [MP00, Gos01]. **Degradation** [TST02]. **delay** [NS98]. **Delayed** [NsL98]. **Delivery** [PL00]. **Demand** [NX99]. **dense** [Bar02]. **Derivation** [GE98]. **Descent** [Akl01]. **Design** [BYIO00, BK00, HvR98, HPS00, NX99, PL00, Son00]. **Designing** [GH02, RMB<sup>+</sup>98]. **Detection** [BTO<sup>+</sup>01, CFMO01, LY01]. **Development** [Ano01c, GLC<sup>+</sup>01, vKdRST99]. **Diagonally** [ACDH99]. **DIET** [CVLNP02]. **Different** [Kar01]. **Differential** [MV00]. **Diffuse** [RCJ00]. **Diffusion** [Ada00]. **Digital** [Gir00, MV00]. **Dimensional** [HD02]. **Discrete** [Akl01]. **Distributed** [AJMJS02, ABD02, Ano01b, ABD<sup>+</sup>00, BL01, BDDL01, BK00, CFMO01, CPC00, DLC01, FNS99, GGCM99, GFS99, Gom98, HHH01, HJM00, HF98, KK01a, KK01b, LSDG98, Mac00, MS01, MMMM98, Mas02, MAT01, CX01, PZB02, QH00, Sch00, SW00, SJC99, Szy98, TUO00, TES99, Wel98, WH98, WZ99, WCS99, Yam98, Zal00, vKZ99, vKdRST99, BRPM98, PMM98, RMB<sup>+</sup>98, RJC98]. **distributed-object** [RMB<sup>+</sup>98]. **Distribution** [Var99]. **Distributions** [FNS99, Kar01]. **DIWIDE** [KK01b]. **Do** [Bol00, NH98]. **Do-Loop** [NH98]. **DOGMA** [SJC99]. **Domain** [Wel98]. **Dominant** [ACDH99]. **Dynamic** [SWR<sup>+</sup>00, vKdRST99, BRPM98, RJC98]. **DynBench** [SWR<sup>+</sup>00].

**Earliest** [HJHK02]. **EDF** [HZLR02]. **Editor** [Kow00, Tro01]. **Editorial** [Ano98c, Bad99, Bol00, Gos01, Key99, KL99, Mar02a, MW01, Mas02, Mil98, Pap01, Red99, Sch00, Son00, Szy98, Tro02, Wel98, Zal00]. **Effect** [KSSM00]. **Effective** [Yam98]. **Efficient** [TTKG02]. **Efficient** [BL01, CD00, CK99, KC00, NS98, Son00].

**Electrocardiograph** [AST02]. **Electrode** [AST02]. **Embedded** [TST02, Var99]. **Empirical** [QH00]. **Encoding** [Con99]. **Energy** [GFS99, JVZ01]. **Engineering** [WH98]. **Ensuring** [LLS01]. **Enterprise** [Kot00, NJN00]. **Entry** [SBM99]. **Environment** [Con99, LS02, ST98]. **Environments** [HNW<sup>+</sup>02, Key99, KM02, WLKB01]. **Estimate** [Con99]. **Estimating** [NJN00]. **Estimation** [APT01]. **Ethernet** [HJHK02]. **Evaluating** [ZSnH01]. **Evaluation** [BYIO00, CPC00, CVLNP02]. **Events** [WM01]. **Evolution** [WLKB01]. **Excitable** [Ada00]. **Execution** [KM01]. **Expanding** [LA02]. **Experiences** [DdSL02, FD99, FNS99, ITT02, MLB99, Mar02b]. **Experimental** [KSR02]. **Experiments** [GFS99]. **Exploratory** [Mac00]. **Explorer** [Nag00].

**Facilitating** [Kot00, PMM98]. **Factorization** [HBL02]. **FARM** [SM02a]. **fast** [Ano98d, WJJ98, TTKG02]. **Faster** [Tro02]. **Fault** [TES99]. **Fault-Tolerant** [TES99]. **Feedback** [SM02a]. **Feedback-Based** [SM02a]. **FFTs** [BSF98]. **File** [Akl02, CK99]. **Filtering** [SL01]. **First** [HJHK02, KP01]. **Fixed** [MV00]. **Fixed-point** [MV00]. **Flow** [STP02]. **Fluid** [STP02]. **Formal** [HvR98]. **Fourier** [TTKG02]. **Frame** [NsL98]. **Framework** [AVC<sup>+</sup>02, KM01, KP01, RJC98, SP98]. **Frequency** [BH99]. **Frequency-Adaptive** [BH99]. **Function** [Con99]. **Functional** [BSF98, Bol00]. **Functions** [Var99, AVC<sup>+</sup>02]. **Furniture** [Akl02]. **Future** [Bol00].

**Gang** [Kar01]. **General** [ACDH99]. **Generalized** [MSC98]. **Generation** [Var99]. **Generic** [MMMS98]. **Geneva** [DC98]. **GP** [TUO00]. **Gracefull** [TST02]. **GRADE** [PK01]. **Gradient** [Bes99].

**Grammar** [WZ99]. **Graphics** [Mac00]. **GRID** [Mar02a, AST02]. **Group** [GL99].  
**Handling** [HJHK02]. **Hardware** [Gir00]. **Heat** [STP02]. **Heterogeneous** [AJMJS02, AKY<sup>+</sup>02, AKLL99, DFKL02, KM02, KN02, LS02, MP00, QH00, RLR00, Bar02, MNT02]. **Hierarchical** [TES99, CVLNP02]. **High** [Bad99, BS99b, DFKL02, GFS99, WG99]. **High-Energy** [GFS99]. **High-performance** [Bad99]. **Hilbert** [Zin02]. **HiPer** [AKY<sup>+</sup>02]. **HiPer-D** [AKY<sup>+</sup>02]. **HLA** [MAT01]. **HLA/RTI** [MAT01]. **Hoc** [JVZ01, ITT02]. **Hostile** [Key99]. **Hybrid** [HLL<sup>+</sup>98, RCJ00].  
**I/O** [CK99]. **If** [Nag00]. **II** [TP00]. **Image** [Gos01, QH00, RLR00]. **Imagery** [GGCM99]. **Implementation** [BYIO00, BDDL01, HPP02, ITT02, NX99, TU00, Ang01]. **Implementations** [Mar02b, ICC02]. **implementing** [RMB<sup>+</sup>98]. **Imprecise** [FNH99]. **Inclusion** [Yam98]. **Independent** [HvR98]. **Instruction** [SS00]. **Integrated** [MMMM98]. **Integrating** [HLL<sup>+</sup>98]. **Integration** [BF98, GN98, Sch02, Zin02]. **Integrity** [LLS01]. **Inter** [RCJ00]. **Inter-reflection** [RCJ00]. **Interconnections** [Kim01]. **Interoperability** [LM01]. **Interoperable** [KP01, WLKB01]. **Interval** [Sch02]. **Interword** [KSSM00]. **Intra** [WJT02]. **Intra-Movie** [WJT02]. **Introduction** [BS99b, CS00, DFKL02, FP00, FK00, KK01a, Kow00, eK98, LM01, Mar02b, PMM98, PZB02, TZVU02, Tro01, WH98, vKZ99]. **Intrusion** [BTO<sup>+</sup>01, CFMO01, LY01]. **inverse** [MNT02]. **Issue** [BS99b, Kow00, Tro01, DFKL02, KK01a, LM01, Mar02b, PZB02, TZVU02]. **Issues** [AJMJS02, HHH01, MAT01, WJT02, dSBA99].  
**Java** [Omm01, AJMJS02, KM02, MKT98, RMB<sup>+</sup>98, RLR00, WCS99]. **Java-based** [WCS99]. **Java-RMI** [RMB<sup>+</sup>98]. **JAWS** [HPS00]. **Join** [BH99]. **Journal** [Mil98, Ano98c].  
**Knapsack** [ICC02]. **KPROC** [SS00]. **Kronecker** [TP99, TP00].  
**Laboratory** [LLS01]. **Landsat** [GGCM99]. **Landsat-TM** [GGCM99]. **Language** [AKLL99, BYIO00, Yam98]. **Languages** [Bol00]. **Large** [ABD<sup>+</sup>00, BK00, CPA00, GFS99, Kot00, LS99]. **Large-Scale** [Kot00]. **Level** [PL00, JWP<sup>+</sup>02]. **line** [DLC01, PK01]. **Linear** [ACDH99, HBL02, OBV02, Bar02]. **Load** [CD00, GL99, HB99, KN02, WJT02]. **Load-Balancing** [CD00]. **Logic** [SRW01]. **Loop** [GE98, LS02, NH98]. **LUX** [MP00].  
**Mach** [MKT98]. **Machines** [Ano01b, BH99, CX01, Bar02]. **Mainstream** [Gos01]. **Make** [Red99]. **Management** [JWP<sup>+</sup>02, MAT01, SM02a]. **Manager** [KW98, MLB99]. **Managing** [Mas02]. **Mapping** [AKY<sup>+</sup>02, Ema99]. **Massively** [SL01]. **Massively-Parallel** [SL01]. **Matching** [PU02]. **Matrices** [OBV02, TP99, TP00]. **Matrix** [GZ99, MNT02]. **Medical** [STP02]. **Memory** [AL99, Ano01b, Ano01c, BL01, eK98, LSDG98, GLC<sup>+</sup>01, CX01]. **Mesh** [HB99, KN02, KSR02, SL01]. **Mesh-partitioning** [KSR02]. **message** [Ano98d, WJJ98]. **Messages** [MMMM98]. **Messaging** [dSBA99]. **Meta** [PL00]. **Meta-Level** [PL00]. **metacomputing** [CVLNP02]. **Method** [CPC00, Yam98]. **Methods** [Bes99, Ema99, NS98]. **MICO** [Ang01]. **Middleware** [HJM00]. **Migration** [WG99]. **Mission** [TW01]. **Mobile** [ITT02, PL00]. **Model** [BGG<sup>+</sup>02, FNH99, LA02, MB00, RMB<sup>+</sup>98]. **Modeling** [OBV02]. **Models**

[DFKL02, Ema99, GZ99, KC00]. **Modular** [HPP02]. **Monitoring** [DLC01, LM01, PK01, WLKB01]. **Motion** [PU02]. **Move** [Gos01]. **Movie** [WJT02]. **Moving** [Akl02]. **MPEG** [NsL98]. **MPI** [GGCM99, HD02, ICC02, WCS99, ZSnH01]. **Multi** [HD02, KM01]. **Multi-Dimensional** [HD02]. **Multi-Execution** [KM01]. **Multicast** [GB99, LS99]. **Multicriteria** [CPC00]. **Multidimensional** [BF98, DdSL02, GN98, OBV02]. **Multilevel** [SRW01]. **Multimedia** [Kut02]. **Multiple** [SBM99]. **Multiple-Writer** [SBM99]. **Multiplication** [TP99, TP00]. **Multiprocessor** [Ano01c, ES00, GLC<sup>+</sup>01, SM02b, Ano98d, WJJ98]. **Multiprocessors** [HPP02]. **Multithreaded** [TTKG02]. **Multithreading** [SRU98]. **Myrinet** [OoBG<sup>+</sup>02, dSBA99]. **Myrinet-Based** [dSBA99, OoBG<sup>+</sup>02].

**name** [Pap01]. **Narrow** [ACDH99]. **Narrow-Banded** [ACDH99]. **Naval** [CFMO01]. **NETL** [BYIO00]. **Network** [BTO<sup>+</sup>01, BS99a, IPM<sup>+</sup>99, ITT02, OoBG<sup>+</sup>02, RLR00, NS98, GH02]. **Network-Based** [BTO<sup>+</sup>01]. **Networks** [AL99, ABD02, AKLL99, CK99, Con99, DFKL02, IPM<sup>+</sup>99, JVZ01, LS99, LG99, MLB99]. **Networks-of-Workstations** [AL99]. **Neural** [Con99]. **New-Generation** [Var99]. **NFS** [OoBG<sup>+</sup>02]. **Non** [Gos01]. **Non-dedicated** [Gos01]. **Norms** [Zin02]. **Nothing** [BH99]. **NT** [FD99]. **Numeric** [Tro02]. **Numerical** [STP02, Zin02]. **Numerics** [TZVU02].

**O** [CK99]. **Object** [BYIO00, CPC00, GE98, HJM00, HPS00, Sch00, RMB<sup>+</sup>98]. **Object-Oriented** [BYIO00, GE98, HJM00, HPS00]. **Objects** [HF98]. **Off** [PWPM99]. **Off-the-Shelf** [PWPM99]. **On-Board** [Var99]. **On-line** [DLC01]. **onto** [AKY<sup>+</sup>02]. **Open** [AJMJS02, Ang01, Wel98]. **OpenMP** [BGG<sup>+</sup>02, HPP02, HD02, ICC02, ITT02, LA02, Mar02b, ZSnH01]. **operational** [MMMS98]. **Optical** [Kim01]. **Optimal** [AST02, Sch02]. **Optimistic** [OSS01]. **Optimization** [BK00, ITT02, Kot00, Kut02]. **Optimizations** [Agr99, CD00]. **Optimize** [CPC00]. **Optimizing** [Bar02]. **Order** [SL01]. **Organized** [OSS01]. **Oriented** [BYIO00, GE98, HJM00, HPS00]. **Origin** [ZSnH01]. **Overhead** [Ano01b, CX01]. **Overlap** [AL99]. **Overlapped** [PU02]. **Overview** [AJMJS02]. **Ownership** [MAT01].

**P** [PK01]. **P-GRADE** [PK01]. **Padding** [JVZ01]. **Papers** [Mil98]. **Paradigm** [Akl02, Bad99, eK98, vKdRST99]. **Paradigms** [HIK99, HD02]. **Parallel** [AJMJS02, ACDH99, BYIO00, Bes99, BF98, CPA00, CK99, Con99, DdSL02, DC98, Ema99, FD99, FNH99, GZ99, Gir00, GN98, GMMV00, Gos01, HBL02, HIK99, KK01a, Kim01, KN02, KC00, Kut02, MS01, MP00, MSC98, MB00, MV00, OBV02, Pal01, PZB02, PU02, Saj98, SS00, Sch02, SL01, SRU98, SJC99, Son00, ST98, SRW01, Szy98, TP99, TP00, TUO00, Tro02, TZVU02, WLKB01, WM01, WJT02, vKZ99, PMM98]. **Part** [TP00]. **Partitioning** [CPA00, HZLR02, SRW01, KSR02, SP98]. **passing** [Ano98d, WJJ98]. **Path** [GE98]. **patterns** [Saj98]. **PCs** [CD00]. **PDE** [HIK99]. **Event** [HLL<sup>+</sup>98]. **RTI** [MAT01]. **Performance** [ABD<sup>+</sup>00, BGG<sup>+</sup>02, BK00, BS99b, DFKL02, HHH01, HPS00, Kar01, KM01, LS02, LSDG98, MS01, Nag00, NH98, OoBG<sup>+</sup>02, PL00, SW00, WG99, WM01, ZSnH01, Bad99, SP98]. **performance-based** [SP98]. **PFDDAA** [MV00]. **Physics** [GFS99]. **Pipelining** [BL01]. **Planning** [ABD<sup>+</sup>00]. **Platform** [FD99, HvR98]. **Platform-Independent**

[HvR98]. **Point** [Con99, MV00]. **Pollution** [GZ99]. **Portability** [MB00]. **Positioning** [AST02]. **Preconditioned** [Bes99]. **Preconditioners** [Bes99]. **Prediction** [LS02]. **Preface** [DK99]. **Prefix** [SS00]. **Primes** [FNS99]. **Principle** [WZ99]. **Problem** [ICC02, KSR02, ZSnH01]. **Problems** [ST98, Wel98]. **Process** [ABD02]. **Processes** [HNW<sup>+</sup>02]. **Processing** [ES00, GGCM99, Gos01, KSSM00, QH00, RLR00]. **Processor** [SL01]. **Processors** [Ada00]. **Product** [TP99, TP00]. **program** [SP98]. **Programming** [BS99a, Bol00, Ema99, HIK99, Mac00, ST98, Saj98, Omm01]. **Programs** [BGG<sup>+</sup>02, GE98, HBL02, KK01a]. **Projection** [Ema99]. **Properties** [WM01]. **Protocol** [TES99]. **Protocols** [Ano01c, HJHK02, GLC<sup>+</sup>01]. **Provision** [Gos01]. **PVM** [WCS99].

**Qi** [HBL02]. **QOS** [JWP<sup>+</sup>02]. **QOS-level** [JWP<sup>+</sup>02]. **Quadrature** [DdSL02]. **Quality** [KK01a]. **Quantized** [HZLR02].

**Radio** [vKdRST99]. **Radiosity** [CPA00]. **Radix** [BSF98]. **Radix-** [BSF98]. **RAM** [IPM<sup>+</sup>99]. **Rank** [SL01]. **Ray** [GMMV00, MP00, RCJ00]. **Reaction** [Ada00]. **Reaction-Diffusion** [Ada00]. **Real** [Akl01, APT01, BTO<sup>+</sup>01, BS99a, Bol00, CFMO01, ES00, FNH99, GB99, GFS99, Gom98, GE98, HJHK02, HvR98, HNW<sup>+</sup>02, JWP<sup>+</sup>02, KM02, MLB99, MMMM98, MW01, MKT98, NsL98, PZB02, PWPM99, SWR<sup>+</sup>00, SM02a, SM02b, TW01, TES99, Var99, WZ99, Zal00, dKAE98, vKZ99, vKdRST99, AVC<sup>+</sup>02, BRPM98, NS98]. **Real-** [GE98]. **Real-Time** [APT01, BTO<sup>+</sup>01, BS99a, CFMO01, ES00, FNH99, GB99, GFS99, HJHK02, HvR98, HNW<sup>+</sup>02, JWP<sup>+</sup>02, KM02, MMMM98, MKT98, NsL98, PZB02, PWPM99, SWR<sup>+</sup>00, SM02a, SM02b, TW01, TES99, Var99, Zal00, dKAE98, vKZ99, vKdRST99, Gom98, MW01, AVC<sup>+</sup>02, BRPM98, NS98]. **Realistic** [ZSnH01]. **Referees** [Pap00]. **Refinement** [KN02]. **Reflection** [MMMS98, RCJ00]. **Reliability** [SM02b]. **Reliable** [IPM<sup>+</sup>99]. **Remote** [HJM00]. **Remotely** [GGCM99]. **Rendering** [CD00]. **Resource** [CPC00, KW98, MLB99, SM02a]. **Response** [CFMO01]. **Review** [Ang01, GH02, Kim01, Omm01, Pal01]. **Reviews** [Ano98a, Ano98b, Ano99a, Ano99b, Ano99c, Ano00a, Ano00b, Ano01a, Pan00a, Pan00b, Pan01]. **Ring** [TES99]. **RMI** [RMB<sup>+</sup>98]. **Rough** [WZ99]. **Run** [KP01]. **Run-time** [KP01].

**Sampling** [RCJ00]. **Scalability** [Nag00, OOBG<sup>+</sup>02, SW00]. **Scalable** [ES00, MB00, Son00]. **Scalar** [APT01]. **Scale** [BK00, Kot00]. **Scenario** [Nag00]. **Schedulability** [SM02b]. **Schedulability-Reliability** [SM02b]. **Scheduler** [FNH99, SM02b]. **Scheduling** [CPA00, HZLR02, HJHK02, Kar01, LG99, LS02, MMMM98, QH00, RCJ00, dKAE98, BRPM98]. **Schemes** [JVZ01, NsL98, STP02]. **Schmidt** [Zin02]. **Scientific** [Bol00, MLB99, ST98]. **Secure** [Akl02]. **Security** [TW01]. **Self** [OSS01]. **Self-Organized** [OSS01]. **Semantics** [MMMS98]. **Semi** [PK01]. **Semi-on-line** [PK01]. **SEMPA** [MLB99]. **Sense** [Ada00]. **Sensed** [GGCM99]. **Sensor** [SM02a]. **Server** [MKT98, NJN00, Omm01]. **Servers** [NX99, WJT02]. **Service** [LLS01]. **SGI** [ZSnH01]. **Shared** [AL99, Ano01c, BL01, BH99, KW98, eK98, LSDG98, GLC<sup>+</sup>01]. **Shared-Memory** [AL99]. **Sharing** [HNW<sup>+</sup>02]. **Shelf** [PWPM99]. **Signal** [ES00]. **Signals** [OBV02]. **SIMA** [RLR00]. **SIMD** [Red99]. **Simulation** [HJHK02]. **Simulation** [DC98, MAT01, OSS01, SRW01].

**Simulations** [Nag00, STP02]. **Single** [Gos01, SL01]. **Single-Bit** [SL01]. **Size** [Kar01]. **Sizes** [ZSnH01]. **Skewness** [WJT02]. **SMP** [HD02]. **SMPs** [WG99]. **Soft** [KM02]. **Software** [BL01, Gom98, KP01, SW00, Zal00, dSBA99, vKdRST99, RJC98]. **Solvers** [ACDH99]. **Solving** [ST98]. **Some** [DdSL02, Mil98, MAT01]. **Source** [Ang01]. **Sparse** [GZ99]. **SPE** [SW00]. **Special** [BS99b, Kow00, Tro01, DFKL02, KK01a, LM01, Mar02b, PZB02, TZVU02]. **Specifying** [WM01]. **Spread** [Con99]. **stage** [HBL02]. **Statically** [AKY+02]. **Steepest** [Akl01]. **Stochastic** [HBL02]. **Strategies** [Ema99, QH00]. **Structured** [OBV02]. **Study** [KSR02, QH00]. **Suite** [BFG+01, SWR+00]. **Super** [APT01]. **Super-Scalar** [APT01]. **Supercomputing** [KL99]. **Superstep** [Ano01c, GLC+01]. **Support** [BL01, Zal00]. **Supporting** [DLC01, WCS99]. **Surface** [AST02]. **Survey** [dSBA99]. **Switched** [HJHK02]. **Synchronization** [LA02]. **Synchronizer** [BDDL01]. **System** [AKY+02, APT01, GFS99, Gos01, QH00, Ano98d, WJJ98, RMB+98]. **Systems** [AJMJS02, Ano01c, ACDH99, ABD+00, BL01, BK00, CFMO01, CPC00, HHH01, HvR98, HLL+98, JWP+02, KK01a, Kot00, LM01, LSDG98, MS01, MMMM98, MW01, Mas02, NX99, OSS01, GLC+01, PZB02, SWR+00, SM02a, SM02b, TW01, TST02, TES99, Var99, Wel98, WH98, WLKB01, Yam98, dKAE98, dSBA99, vKZ99, vKdRST99, AVC+02, MMMS98]. **Systolic** [SS00].

**Task** [LG99, QH00]. **Tasks** [MMMM98]. **Techniques** [AKY+02, Pal01]. **Technology** [MS01]. **Thoughts** [Mil98]. **Thread** [WG99]. **Three** [HBL02, HIK99]. **Three-stage** [HBL02]. **Time** [Akl01, APT01, BTO+01, BS99a, BDDL01, CFMO01, ES00, FNH99, GB99, GFS99, GE98, HJHK02, HvR98, HNW+02, JWP+02, KM02, MMMM98, MKT98, NsL98, PZB02, PWPM99, SWR+00, SM02a, SM02b, TW01, TES99, Var99, WZ99, Zal00, dKAE98, vKZ99, vKdRST99, AVC+02, BRPM98, Gom98, KP01, MW01, NS98]. **Time-Sharing** [HNW+02]. **Timed** [HLL+98, Yam98]. **TM** [GGCM99]. **Tolerant** [TES99]. **Tool** [BFG+01, LM01, RLR00, WLKB01, Zal00]. **Tools** [DFKL02, KP01]. **Tracer** [RCJ00]. **Tracing** [GMMV00, MP00]. **Tracking** [HD02]. **Tradeoff** [SM02b]. **Traffic** [DC98, JVZ01, NS98]. **Traffic** [HJHK02]. **Transaction** [ABD+00]. **Transfer** [Akl02, STP02]. **Transform** [TTKG02]. **Transmission** [NsL98]. **Transposition** [HD02]. **Tree** [LY01]. **Trends** [Sch00]. **triangular** [MNT02]. **Tuning** [KM01]. **Tuplespace** [KW98]. **Twin** [FNS99].

**Unconventional** [Ada00]. **Unstructured** [HB99]. **Use** [Gom98]. **Using** [DC98, GGCM99, IPM+99, Kim01, NH98, WM01, Yam98, AVC+02, MAT01, RMB+98, Saj98]. **Utilization** [AKY+02]. **Utilization-Based** [AKY+02].

**Vacancy** [HD02]. **Value** [SM02b]. **Value-Based** [SM02b]. **Vector** [TP99, TP00]. **Verification** [HLL+98, Yam98, vKdRST99]. **Video** [NX99, PL00, WJT02, dKAE98]. **Video-on-Demand** [NX99]. **Videos** [NsL98]. **Virtual** [BDDL01, HF98, KW98, eK98]. **visual** [Saj98]. **Visualization** [KC00, LSDG98, NH98]. **Volume** [CD00, KC00, Pap00].

**Wakeup** [KL99]. **Way** [HvR98]. **WCET** [APT01]. **WDM** [LS99]. **Web** [LLS01, SM02a]. **Web-Based** [LLS01]. **What-If**

[Nag00]. **Will** [Red99]. **Windows** [FD99]. **Wireless** [GB99, GH02, JVZ01]. **within** [KM02, RCJ00]. **Work** [GL99]. **workstation** [Ano98d, WJJ98]. **Workstations** [AL99, Agr99, BDDL01, CK99, IPM<sup>+</sup>99, LG99, MLB99, OOBG<sup>+</sup>02]. **World** [MLB99]. **Worst** [HNW<sup>+</sup>02]. **Worst-Case** [HNW<sup>+</sup>02]. [Ada00] **Writer** [SBM99]. **Writing** [Mil98].

## References

### Aries:2000:CPP

[ABD<sup>+</sup>00] James Aries, Marc Brittan, Eric Dillon, Alan Korncoff, Janusz Kowalik, and John Lixvar. Capacity planning for and performance analysis of large distributed transaction systems. *Parallel and Distributed Computing Practices*, 3(4):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no4abs.html#aries>. ■

### Amar:2002:TDP

[ABD02] Abdelkader Amar, Pierre Boulet, and Jean-Luc Dekeyser. Towards distributed process networks with CORBA. *Parallel and Distributed Computing Practices*, 5(4):??, December 2002. CODEN ??? ISSN 1097-2803.

### Arbenz:1999:CPS

[ACDH99] P. Arbenz, A. Cleary, J. Dongarra, and M. Hegland. A comparison of parallel solvers for diagonally dominant and general narrow-banded linear systems. [Akl01] *Parallel and Distributed Computing Practices*, 2(4):??, ???

1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no4abs.html#arbenz>. ■

### Adamatzky:2000:RDE

A. Adamatzky. Reaction-diffusion and excitable processors: A sense of the unconventional. *Parallel and Distributed Computing Practices*, 3(2):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no2abs.html#adamatzky>. ■

### Agrawal:1999:ACO

[Agr99] G. Agrawal. Aggressive communication optimizations for clusters of workstations. *Parallel and Distributed Computing Practices*, 2(2):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no2abs.html#gagan>. ■

### Al-Jaroodi:2002:OPD

[AJMJS02] Jameela Al-Jaroodi, Nader Mohamed, Hong Jiang, and David R. Swanson. An overview of parallel and distributed Java for heterogeneous systems: Approaches and open issues. *Parallel and Distributed Computing Practices*, 5(4):??, December 2002. CODEN ??? ISSN 1097-2803.

### Akl:2001:DSD

Selim G. Akl. Discrete steepest descent in real time. *Parallel and Distributed Computing Practices*, 2(4):??, ???



- ing Practices*, 4(3):??, September 2001. CODEN ????? ISSN 1097-2803.
- Akl:2002:SFT**
- [Ak102] Selim G. Akl. Secure file transfer: A computational analog to the furniture moving paradigm. *Parallel and Distributed Computing Practices*, 5(2):193–203, June 2002. CODEN ????? ISSN 1097-2803.
- Arapov:1999:LAC**
- [AKLL99] D. Arapov, A. Kalinov, A. Lastovetsky, and I. Ledovskih. A language approach to computing on heterogeneous networks. *Parallel and Distributed Computing Practices*, 2(3):??, ??? 1999. CODEN ????? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no3abs.html#arapov>.
- Ali:2002:UBT**
- [AKY+02] Shoukat Ali, Jong-Kook Kim, Yang Yu, Shriram B. Gundala, Sethavidh Gertphol, Howard Jay Siegel, Anthony A. Maciejewski, and Viktor Prasanna. Utilization-based techniques for statically mapping heterogeneous applications onto the HiPer-D heterogeneous computing system. *Parallel and Distributed Computing Practices*, 5(4):??, December 2002. CODEN ????? ISSN 1097-2803.
- Abdelrahman:1999:OCC**
- [AL99] T. S. Abdelrahman and G. Liu. Overlap of computation and communication on shared-memory networks-of-workstations. *Parallel and Distributed Computing Practices*, 2(2):??, ??? 1999. CODEN ????? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no2abs.html#tarek>.
- Angryk:2001:BRM**
- [Ang01] Rafal Angryk. Book review: *MICO, An Open Source CORBA Implementation*. *Parallel and Distributed Computing Practices*, 4(3):??, September 2001. CODEN ????? ISSN 1097-2803.
- Anonymous:1998:BRa**
- [Ano98a] Anonymous. Book reviews. *Parallel and Distributed Computing Practices*, 1(3):??, ??? 1998. CODEN ????? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no3reviews.html>.
- Anonymous:1998:BRb**
- [Ano98b] Anonymous. Book reviews. *Parallel and Distributed Computing Practices*, 1(4):??, ??? 1998. CODEN ????? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no4reviews.html>.
- Anonymous:1998:EWN**
- [Ano98c] Anonymous. Editorial: Why a new journal? *Parallel and Distributed Computing Practices*, 1(1):??, ??? 1998. CODEN ????? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no1editorial.html>.

- [Ano98d] **Anonymous:1998:NFM**  
 Anonymous. A new fast message passing communication system for multiprocessor workstation clusters. *Parallel and Distributed Computing Practices*, 1(4):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no4abs.html#zhen>.■
- [Ano99a] **Anonymous:1999:BRa**  
 Anonymous. Book reviews. *Parallel and Distributed Computing Practices*, 2(1):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1reviews.html>.
- [Ano99b] **Anonymous:1999:BRb**  
 Anonymous. Book reviews. *Parallel and Distributed Computing Practices*, 2(2):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no2reviews.html>.
- [Ano99c] **Anonymous:1999:BRc**  
 Anonymous. Book reviews. *Parallel and Distributed Computing Practices*, 2(4):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no4reviews.html>.
- [Ano00a] **Anonymous:2000:BRa**  
 Anonymous. Book reviews. *Parallel and Distributed Computing Practices*, 3(1):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no1reviews.html>.
- [Ano00b] **Anonymous:2000:BRb**  
 Anonymous. Book reviews. *Parallel and Distributed Computing Practices*, 3(2):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no2reviews.html>.
- [Ano01a] **Anonymous:2001:BR**  
 Anonymous. Book reviews. *Parallel and Distributed Computing Practices*, 4(1):??, ??? 2001. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no1reviews.html>.
- [Ano01b] **Anonymous:2001:COD**  
 Anonymous. Communication overhead on distributed memory machines. *Parallel and Distributed Computing Practices*, 4(1):??, ??? 2001. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no1abs.html#chen>.■
- [Ano01c] **Anonymous:2001:DCS**  
 Anonymous. The development of conservative superstep protocols for shared memory multiprocessor systems. *Parallel and Distributed Computing Practices*, 4(1):??, ??? 2001. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no1abs.html#gan>.

- [APT01] Hassan Aljifri, Alexander Pons, and Moiez Tapia. The estimation of the WCET in super-scalar real-time system. *Parallel and Distributed Computing Practices*, 4(2):??, ????, 2001. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no2abs.html#aljifri>. **Aljifri:2001:EWS**
- [AST02] V. Avbelj, M. Sterk, and Roman Trobec. A Grid computing application: Optimal electrode positioning in body surface electrocardiograph. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ????, ISSN 1097-2803. **Avbelj:2002:GCA**
- [AVC+02] David Andrews, Ravi Vemuri, David M. Chelberg, David Fleeman, David Parrott, Lonnie R. Welch, and Scott Brandt. A framework for using benefit functions in complex real-time systems. *Parallel and Distributed Computing Practices*, 5(1):41–50, March 2002. CODEN ????, ISSN 1097-2803. **Andrews:2002:FUB**
- [Bad99] David A. Bader. Editorial: A new, architectural paradigm for high-performance computing. *Parallel and Distributed Computing Practices*, 2(2):??, ????, 1999. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no4abs.html#besson>. **Bader:1999:ENA**
- [Bar02] Jorge Barbosa. Optimizing dense linear algebra algorithms on heterogeneous machines. *Parallel and Distributed Computing Practices*, 5(4):??, December 2002. CODEN ????, ISSN 1097-2803. **Barbosa:2002:ODL**
- [BDDL01] A. Boukerche, S. K. Das, A. Datta, and T. E. LeMaster. Implementation of a virtual time synchronizer for distributed databases on a cluster of workstations. *Parallel and Distributed Computing Practices*, 4(1):??, ????, 2001. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no1abs.html#boukerche>. **Boukerche:2001:IVT**
- [Bes99] O. Besson. Band preconditioners: Application to preconditioned conjugate gradient methods on parallel computers. *Parallel and Distributed Computing Practices*, 2(4):??, ????, 1999. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no4abs.html#besson>. **Besson:1999:BPA**
- [BF98] J. M. Bull and T. L. Freeman. Parallel algorithms for multi-dimensional integration. *Parallel and Distributed Computing Practices*, 1(1):??, ????, 1998. **Bull:1998:PAM**

1998. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no1abs.html#bull>.  
**Brim:2001:CCC**
- [BFG<sup>+</sup>01] Michael Brim, Ray Flanery, Al Geist, Brian Luethke, and Stephen L. Scott. Cluster Command and Control (C3) tool suite. *Parallel and Distributed Computing Practices*, 4(4):??, December 2001. CODEN ???? ISSN 1097-2803.  
**Blanco:2002:PMA**
- [BGG<sup>+</sup>02] V. Blanco, L. García, J. A. González, C. Rodríguez, and G. Rodríguez. A performance model for the analysis of OpenMP programs. *Parallel and Distributed Computing Practices*, 5(2):139–151, June 2002. CODEN ???? ISSN 1097-2803.  
**Bamha:1999:FAJ**
- [BH99] M. Bamha and G. Hains. Frequency-adaptive join for shared nothing machines. *Parallel and Distributed Computing Practices*, 2(3):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no3abs.html#bamha>.  
**Brittan:2000:POC**
- [BK00] Marc Brittan and Janusz Kowalik. Performance, optimization and complexity in the design of large scale distributed systems. *Parallel and Distributed Computing Practices*, 3(4):??, ???? 2000. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no4abs.html#brittan>.  
**Balasubramanian:2001:ESP**
- [BL01] Karthik Balasubramanian and David K. Lowenthal. Efficient support for pipelining in software distributed shared memory systems. *Parallel and Distributed Computing Practices*, 4(2):??, ???? 2001. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol04/vol04no2abs.html#balasubramanian>.  
**Bollman:2000:EDF**
- [Bol00] D. Bollman. Editorial: Do functional languages have a real future in scientific programming? *Parallel and Distributed Computing Practices*, 3(4):??, ???? 2000. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no4editorial.html>.  
**Bhattacharjee:1998:DDD**
- [BRPM98] Anup K. Bhattacharjee, K. Ravindranath, A. Pal, and R. Mall. DDSCHED: A distributed dynamic real-time scheduling algorithm. *Parallel and Distributed Computing Practices*, 1(4):??, ???? 1998. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no4abs.html#mal>.  
**Benzekri:1999:RTN**
- [BS99a] A. Benzekri and P. Sarafoglu. Real-time network applications

- programming. *Parallel and Distributed Computing Practices*, 2(1):??, ????. 1999. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1abs.html#benzekri>. [BYIO00]
- Buyya:1999:HPC**
- [BS99b] Rajkumar Buyya and Clemens Szyperski. High performance computing on clusters?: Introduction to the special issue. *Parallel and Distributed Computing Practices*, 2(2):??, ????. 1999. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no2introduction.html>. [CD00]
- Bollman:1998:FAR**
- [BSF98] D. Bollman, J. Seguel, and J. Feo. A functional approach to radix- $R$  FFTs. *Parallel and Distributed Computing Practices*, 1(1):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no1abs.html#bollman>. [CFMO01]
- Balupari:2001:RTN**
- [BTO<sup>+</sup>01] Ravindra Balupari, Brett Tjaden, Shawn Ostermann, Marina Bykova, and Aaron Mitchell. Real-time network-based anomaly intrusion detection. *Parallel and Distributed Computing Practices*, 4(2):??, ????. 2001. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no2abs.html#balupari>. [CK99]
- Baba:2000:DIE**
- T. Baba, T. Yoshinaga, Y. Iwamoto, and K. Ootsu. Design, implementation and evaluation of a parallel object-oriented language A-NETL. *Parallel and Distributed Computing Practices*, 3(2):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no2abs.html#baba>. [Chaussumier:2000:COE]
- F. Chaussumier and F. Desprez. Communications optimizations and efficient load-balancing for a volume rendering algorithm on a cluster of PCs. *Parallel and Distributed Computing Practices*, 3(3):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no3abs.html#chaussumier>. [Chappell:2001:IDR]
- B. L. Chappell, G. A. Fink, D. T. Marlow, and K. F. O'Donoghue. Intrusion detection and response for real-time distributed naval systems. *Parallel and Distributed Computing Practices*, 4(2):??, ????. 2001. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no2abs.html#chappell>. [Cheng:1999:FDE]
- H.-Y. Cheng and C.-T. King. File declustering for efficient parallel I/O on networks of

- workstations. *Parallel and Distributed Computing Practices*, 2(2):??, ????. 1999. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no2abs.html#cheng>. [CS00]
- Cong:1999:ENN**
- [Con99] B. Cong. On encoding neural networks to estimate the atmospheric point spread function in a parallel environment. *Parallel and Distributed Computing Practices*, 2(4):??, ????. 1999. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no4abs.html#cong>.
- Cavin:2000:PSL**
- [CPA00] X. Cavin, J.-C. Paul, and L. Alonso. Partitioning and scheduling large radiosity computations in parallel. *Parallel and Distributed Computing Practices*, 3(3):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no3abs.html#cavin>.
- Chatonnay:2000:EMM**
- [CPC00] P. Chatonnay, L. Philippe, and H. Y. Chan. Evaluation of a multicriteria method to optimize resource access in distributed object systems. *Parallel and Distributed Computing Practices*, 3(1):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no1abs.html#chatonnay>.
- Cobb:2000:I**
- Maria Cobb and Kevin Shaw. Introduction. *Parallel and Distributed Computing Practices*, 3(1):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no1introduction.html>.
- Contassot-Vivier:2002:EDH**
- [CVLNP02] S. Contassot-Vivier, F. Lombard, J.-M. Nicod, and Laurent Philippe. Evaluation of the DIET hierarchical meta-computing architecture. *Parallel and Distributed Computing Practices*, 5(4):64–76, December 2002. CODEN ????. ISSN 1097-2803.
- PDCP-93710009**
- [CX01] Shiping Chen and Jingling Xue. Communication overhead on distributed memory machines. *Parallel and Distributed Computing Practices*, 4(1):??, ????. 2001. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol04/vol04no1abs.html#chen>.
- Dupuis:1998:PST**
- [DC98] Alexandre Dupuis and Bastien Chopard. Parallel simulation of traffic in Geneva using cellular automata. *Parallel and Distributed Computing Practices*, 1(3):??, ????. 1998. CODEN ????. ISSN

- 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no3abs.html#dupuis>.**█**
- DAmbra:2002:PCM**
- [DdSL02] P. D'Ambra, D. di Serafino, and M. Lapegna. Parallel components for multidimensional quadrature: Some experiences. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ???? ISSN 1097-2803.
- Desprez:2002:ISI**
- [DFKL02] Frédéric Desprez, Eric Fleury, Alexey Kalinov, and Alexey Lastovetsky. Introduction to the special issue: Algorithms, models and tools for high performance computing on heterogeneous networks. *Parallel and Distributed Computing Practices*, 5(4):??, December 2002. CODEN ???? ISSN 1097-2803.
- Dongarra:1999:P**
- [DK99] J. Dongarra and E. J. Kon-toghiorghes. Preface. *Parallel and Distributed Computing Practices*, 2(4):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no4preface.html>.
- deKock:1998:RTS**
- [dKAE98] E. A. de Kock, Emile H. L. Aarts, and G. Essink. Real-time scheduling in video systems. *Parallel and Distributed Computing Practices*, 1(2):??,
- ???? 1998. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no2abs.html#kock>.**█**
- Duarte:2001:SLD**
- [DLC01] Vitor Duarte, João Lourenço, and José C. Cunha. Supporting on-line distributed monitoring and debugging. *Parallel and Distributed Computing Practices*, 4(3):??, September 2001. CODEN ???? ISSN 1097-2803.
- dosSantos:1999:SMS**
- [dSBA99] R. W. dos Santos, R. Bianchini, and C. L. Amorim. A survey of messaging software issues and systems for Myrinet-based clusters. *Parallel and Distributed Computing Practices*, 2(2):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no2abs.html#santos>.**█**
- Kuhn:1998:IHA**
- [eK98] eva Kühn. Introduction: How to approach the virtual shared memory paradigm. *Parallel and Distributed Computing Practices*, 1(3):??, ???? 1998. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no3introduction.html>.
- Emad:1999:MSD**
- [Ema99] N. Emad. Mapping strategies in data parallel programming models; the projection methods.

- Parallel and Distributed Computing Practices*, 2(4):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no4abs.html#emad>.  
**Eberle:2000:SMR**
- [ES00] H. Eberle and D. Scherrer. A scalable multiprocessor for real-time signal processing applications. *Parallel and Distributed Computing Practices*, 3(2):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no2abs.html#eberle>.  
**Fischer:1999:EWN**
- [FD99] M. Fischer and J. Dongarra. Experiences with Windows NT as a cluster computing platform for parallel computing. *Parallel and Distributed Computing Practices*, 2(2):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no2abs.html#fido>.  
**Fet:2000:I**
- [FK00] Kakov Fet and Peter Kacsuk. Introduction. *Parallel and Distributed Computing Practices*, 3(2):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no2introduction.html>.  
**Fouad:1999:RTP**
- [FNH99] H. Fouad, B. Narahari, and J. K. Hahn. A real-time parallel scheduler for the imprecise computation model. *Parallel and Distributed Computing Practices*, 2(1):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1abs.html#fouad>.  
**Fry:1999:EDC**
- [FNS99] P. Fry, J. Nesheiwat, and B. Szymanski. Experiences with distributed computation of twin primes distributions. *Parallel and Distributed Computing Practices*, 2(3):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no3abs.html#fry>.  
**Fairen:2000:I**
- [FP00] Marta Fairén and Xavier Pueyo. Introduction. *Parallel and Distributed Computing Practices*, 3(3):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no3introduction.html>.  
**Gannod:1999:RTM**
- [GB99] B. D. Gannod and S. Bhattacharya. Real-time multicast in wireless communication. *Parallel and Distributed Computing Practices*, 2(1):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1abs.html#gannod>.



- [GE98] **Gustafsson:1998:ADP**  
 Jan Gustafsson and Andreas Ermedahl. Automatic derivation of path and loop annotations in object-oriented real-time programs. *Parallel and Distributed Computing Practices*, 1(2):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no2abs.html#gustafsson>.█
- [GFS99] **Gaspar:1999:ADR**  
 C. Gaspar, B. Franek, and J. J. Schwarz. Architecture of a distributed real-time system to control large high-energy physics experiments. *Parallel and Distributed Computing Practices*, 2(1):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no1abs.html#gaspar>.█
- [GGCM99] **Gallud:1999:DPR**  
 J. A. Gallud, J. Garcia-Consuegra, and A. Martinez. Distributed processing of remotely sensed Landsat-TM imagery using MPI. *Parallel and Distributed Computing Practices*, 2(2):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no2abs.html#gallud>.█
- [GH02] **Gu:2002:BRD**  
 Qijun Gu and Danita S. Hill. Book review: *Designing a Wireless Network*. *Parallel and Distributed Computing Practices*, 5 (2):259–260, June 2002. CODEN ??? ISSN 1097-2803.
- [Gir00] **Girau:2000:CCP**  
 B. Girau. Conciliating connectionism and parallel digital hardware. *Parallel and Distributed Computing Practices*, 3(2):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no2abs.html#girau>.█
- [GL99] **Guyennet:1999:GAC**  
 H. Guyennet and J. C. Lapayre. The group approach in cooperative work and in load balancing. *Parallel and Distributed Computing Practices*, 2(3):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no3abs.html#guyennet>.█
- [GLC+01] **PDCP-93710003**  
 Boon-Ping Gan, Yoke-Hean Low, Wentong Cai, Stephen J. Turner, Sanjay Jain, Wen Jing Hsu, and Shell Ying Huang. The development of conservative superstep protocols for shared memory multiprocessor systems. *Parallel and Distributed Computing Practices*, 4(1):??, ??? 2001. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol04/vol04no1abs.html#gan>.
- [GMMV00] **Gonzalez:2000:APR**  
 P. González, E. Moyano, J. P. Molina, and I. Verdú. Analyzing parallel ray tracing algorithms.

- Parallel and Distributed Computing Practices*, 3(3):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no3abs.html#gonzales>.  
**Gladwell:1998:CPM**
- [GN98] I. Gladwell and M. A. Napierala. Comparing parallel multidimensional integration algorithms. *Parallel and Distributed Computing Practices*, 1(1):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no1abs.html#gladwell>.  
**Gomaa:1998:UCD**
- [Gom98] Hassan Gomaa. Use cases for distributed real-time software architectures. *Parallel and Distributed Computing Practices*, 1(2):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no2abs.html#gomma>.  
**Goscinski:2001:EPS**
- [Gos01] Andrzej M. Goscinski. Editorial: A provision of a single system image can move parallel processing on non-dedicated clusters to the mainstream computing. *Parallel and Distributed Computing Practices*, 4(3):??, September 2001. CODEN ??? ISSN 1097-2803.  
**Georgiev:1999:PSM**
- [GZ99] K. Georgiev and Z. Zlatev. Parallel sparse matrix algorithms for air pollution models. *Parallel and Distributed Computing Practices*, 2(4):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no4abs.html#georgiev>.  
**Hu:1999:LBU**
- [HB99] Y. F. Hu and R. J. Bake. Load balancing for unstructured mesh applications. *Parallel and Distributed Computing Practices*, 2(3):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no3abs.html#hu>.  
**Halada:2002:PBQ**
- [HBL02] L. Halada, S. Benkner, and M. Lucka. Parallel Birge and Qi factorization of three-stage stochastic linear programs. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ??? ISSN 1097-2803.  
**He:2002:MOP**
- [HD02] Yun He and Chris H. Q. Ding. MPI and OpenMP paradigms on cluster of SMP architectures: The vacancy tracking algorithm for multi-dimensional array transposition. *Parallel and Distributed Computing Practices*, 5(2):117–128, June 2002. CODEN ??? ISSN 1097-2803.  
**Hyde:1998:CVD**
- [HF98] Randall L. Hyde and Brett D. Fleish. A case for virtual

- distributed objects. *Parallel and Distributed Computing Practices*, 1(3):??, ????, 1998. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no3abs.html#hyde>. **Haring:2001:PID**
- [HHH01] Günter Haring, Helmut Hlavacs, and Karin Hummel. Performance issues in distributed systems. *Parallel and Distributed Computing Practices*, 4(4):??, December 2001. CODEN ????, ISSN 1097-2803. **Haring:2001:PID**
- [HLL<sup>+</sup>98] R. Huuck, Y. Lakhnech, B. Lukoschus, L. Urbina, S. Engell, S. Kowalewski, and J. Preuig. Integrating timed condition/event systems and timed automata for the verification of hybrid systems. *Parallel and Distributed Computing Practices*, 1(2):??, ????, 1998. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no1abs.html#hawick>. **Huuck:1998:ITC**
- [HIK99] M. Ehtesham Hayder, C. S. Ierotheou, and D. E. Keys. Three parallel programming paradigms: Comparisons on an archetypal PDE computations. *Parallel and Distributed Computing Practices*, 2(3):??, ????, 1999. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no2abs.html#huuck>. **Hayder:1999:TPP**
- [HNW<sup>+</sup>02] E. Huh, A. Neelamegam, Lonnie R. Welch, H. Park, and Barbara Pfarr. Worst-case analysis for real-time processes in time-sharing environments. *Parallel and Distributed Computing Practices*, 5(1):52–62, March 2002. CODEN ????, ISSN 1097-2803. **Huh:2002:WCA**
- [HJHK02] H. Hoang, M. Jonsson, U. Hagstorm, and A. Kallerdahl. Switched real-time ethernet with earliest deadline first scheduling—protocols, traffic handling and simulation analysis. *Parallel and Distributed Computing Practices*, 5(1):105–115, March 2002. CODEN ????, ISSN 1097-2803. **Hoang:2002:SRT**
- [HPP02] Panagiotis E. Hadjidoukas, Eleftherios D. Polychronopoulos, and Theodore S. Papatheodorou. A modular OpenMP implementation for clusters of multiprocessors. *Parallel and Distributed Computing Practices*, 5(2):153–168, June 2002. **Hadjidoukas:2002:MOI**
- [HJM00] K. A. Hawick, H. A. James, and J. A. Mathew. Remote data access in distributed object-oriented middleware. *Parallel and Distributed Computing Practices*, 3(1):??, ????, 2000. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no3abs.html#hyde>. **Hawick:2000:RDA**

2002. CODEN ???? ISSN 1097-2803.
- [HPS00] J. C. Hu, I. Pyarali, and D. C. Schmidt. The object-oriented design and performance of JAWS. *Parallel and Distributed Computing Practices*, 3(1):??, ???? 2000. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no1abs.html#hu>.
- [HvR98] Jozef Hooman and Onno van Roosmalen. Formal design of real-time systems in a platform-independent way. *Parallel and Distributed Computing Practices*, 1(2):??, ???? 1998. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no2abs.html#hooman>.
- [HZLR02] J. P. Hansen, H. Zhu, J. Lehoczky, and R. Rajkumar. Partitioning considerations for quantized EDF scheduling. *Parallel and Distributed Computing Practices*, 5(1):63–76, March 2002. CODEN ???? ISSN 1097-2803.
- [ICC02] Dorta Isabel, León Coromoto, and Rodríguez Casiano. Comparing MPI and OpenMP implementations of the 0-1 knapsack problem. *Parallel and Distributed Computing Practices*, 5(2):129–137, June 2002. CODEN ???? ISSN 1097-2803.
- [IPM<sup>+</sup>99] S. Ioannidis, A. E. Papathanasiou, G. I. Magklis, E. P. Markatos, D. N. Pnevmatikatos, and J. Sevaslidou. On using reliable network RAM in networks of workstations. *Parallel and Distributed Computing Practices*, 2(2):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no2abs.html#ioan>.
- [ITT02] Mohammad Towhidul Islam, Parimala Thulasiraman, and Ruppa K. Thulasiram. Implementation of ant colony optimization algorithm for mobile ad hoc network applications: OpenMP experiences. *Parallel and Distributed Computing Practices*, 5(2):177–191, June 2002. CODEN ???? ISSN 1097-2803.
- [JVZ01] Shu Jiang, Nitin H. Vaidya, and Wei Zhao. Energy consumption of traffic padding schemes in wireless ad hoc networks. *Parallel and Distributed Computing Practices*, 4(2):??, ???? 2001. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no2abs.html#jiang>.
- [JWP<sup>+</sup>02] Shikha Jain, Lonnie R. Welch, Barbara Pfarr, David M. Chelberg, C. Bruggeman, David

**Ioannidis:1999:URN****Hu:2000:OOD****Hooman:1998:FDR****Islam:2002:IAC****Hansen:2002:PCQ****Jiang:2001:ECT****Isabel:2002:CMO****Jain:2002:MAQ**

- Fleeman, David Parrott, Zhenyu Tan, M. McCoy, and Chris Shuler. Management of application QOS-level adaptation for real-time systems. *Parallel and Distributed Computing Practices*, 5(1):15–26, March 2002. CODEN ???? ISSN 1097-2803.
- [Kar01] Helen Karatza. Gang scheduling performance under different distributions of gang size. *Parallel and Distributed Computing Practices*, 4(4):??, December 2001. CODEN ???? ISSN 1097-2803.
- [KC00] C. Köse and A. Chalmers. Clusteral models for efficient parallel volume visualization. *Parallel and Distributed Computing Practices*, 3(3):??, ???? 2000. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no3abs.html#kose>.
- [Key99] David Keyes. Editorial: Adapting to hostile architectural environments. *Parallel and Distributed Computing Practices*, 2(1):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1editorial.html>.
- [Kim01] Haklin Kimm. Book review: *Parallel Computing Using Op-*
- tical Interconnections*. *Parallel and Distributed Computing Practices*, 4(4):??, December 2001. CODEN ???? ISSN 1097-2803.
- [KK01a] Péter Kacsuk and Gabriele Kotsis. Introduction to the special issue: Quality of parallel and distributed programs and systems. *Parallel and Distributed Computing Practices*, 4(4):??, December 2001. CODEN ???? ISSN 1097-2803.
- [KK01b] Jozsef Kovács and Péter Kacsuk. The DIWIDE distributed debugger. *Parallel and Distributed Computing Practices*, 4(4):??, December 2001. CODEN ???? ISSN 1097-2803.
- [KL99] J. Kowalik and J. Lixvar. Editorial: A wakeup call for supercomputing. *Parallel and Distributed Computing Practices*, 2(4):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no4editorial.html>.
- [KM01] Karen L. Karavanic and Barton P. Miller. A framework for multi-execution performance tuning. *Parallel and Distributed Computing Practices*, 4(3):??, September 2001. CODEN ???? ISSN 1097-2803.

**Kacsuk:2001:ISI**

**Karatza:2001:GSP**

**Kovacs:2001:DDD**

**Kose:2000:CME**

**Kowalik:1999:EWC**

**Keyes:1999:EAH**

**Karavanic:2001:FME**

**Kimm:2001:BRP**

- [KM02] Ren-Song Ko and Matt W. Mutka. A component-based approach for adaptive soft real-time Java within heterogeneous environments. *Parallel and Distributed Computing Practices*, 5(1):89–104, March 2002. CODEN ???? ISSN 1097-2803. **Ko:2002:CBA**
- [KN02] Sergey P. Kopysov and Alexander K. Novikov. Parallel adaptive mesh refinement with load balancing on heterogeneous cluster. *Parallel and Distributed Computing Practices*, 5(4):??, December 2002. CODEN ???? ISSN 1097-2803. **Kopysov:2002:PAM**
- [Kot00] Vadim Kotov. Facilitating analysis and optimization of large-scale enterprise systems. *Parallel and Distributed Computing Practices*, 3(4):??, ???? 2000. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no4abs.html#kotov>. **Kotov:2000:FAO**
- [Kow00] Janusz Kowalik. Special issue Editor introduction. *Parallel and Distributed Computing Practices*, 3(4):??, ???? 2000. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no4introduction.html>. **Kowalik:2000:SIE**
- [KP01] John M. Kewley and Radu Prodan. The FIRST framework for interoperable run-time software tools. *Parallel and Distributed Computing Practices*, 4(3):??, September 2001. CODEN ???? ISSN 1097-2803. **Kewley:2001:FFI**
- [KSR02] P. Korosec, J. Silc, and B. Robic. An experimental study of an ant-colony algorithm for the mesh-partitioning problem. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ???? ISSN 1097-2803. **Korosec:2002:ESA**
- [KSSM00] C. Konstantinopoulos, A. Svolos, D. Serpanos, and D. Maritsas. The effect of interword connectivity in associative processing. *Parallel and Distributed Computing Practices*, 3(2):??, ???? 2000. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no2abs.html#konstan>. **Konstantinopoulos:2000:EIC**
- [Kut02] R. Kutil. Optimization of bit-stream assembly in parallel multimedia compression. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ???? ISSN 1097-2803. **Kutil:2002:OBA**
- [KW98] Patty Kostkova and Tim Wilkinson. A virtual shared tu- **Kostkova:1998:VST**

- plespace resource manager. *Parallel and Distributed Computing Practices*, 1(3):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no3abs.html#kostkova>.  
Lopez:2002:ESM [LS99]
- [LA02] Félix César García López and Nieves Luz Frías Arrocha. Expanding the synchronization model for OpenMP. *Parallel and Distributed Computing Practices*, 5(2):169–175, June 2002. CODEN ??? ISSN 1097-2803.  
Lin:1999:TSB [LS02]
- [LG99] W-. M. Lin and Q. Gu. Task scheduling on bus-based networks of workstations. *Parallel and Distributed Computing Practices*, 2(2):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no2abs.html#lin>.  
Lim:2001:EIS [LSDG98]
- [LLS01] Sung-Soo Lim, Kihwal Lee, and Lui Sha. Ensuring integrity and service availability in a Web-based control laboratory. *Parallel and Distributed Computing Practices*, 4(2):??, ??? 2001. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol04/vol04no2abs.html#lim>.  
Ludwig:2001:ISI
- [LM01] Thomas Ludwig and Barton P. Miller. Introduction to the special issue: Monitoring systems and tool interoperability. *Parallel and Distributed Computing Practices*, 4(3):??, September 2001. CODEN ??? ISSN 1097-2803.  
Liang:1999:MLW
- W. Liang and H. Shen. Multicast in large WDM networks. *Parallel and Distributed Computing Practices*, 2(3):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no3abs.html#liang>.  
Lin:2002:LSH
- Wei-Ming Lin and Yongsheng Song. Loop scheduling for heterogeneous computing environment based on performance prediction. *Parallel and Distributed Computing Practices*, 5(2):219–231, June 2002. CODEN ??? ISSN 1097-2803.  
Lumpp:1998:PVD
- [LSDG98] James E. Lumpp, Jr., Kuppuswamy Sivakumar, Christopher Diaz, and James N. Griffioen. Performance visualization for distributed shared memory systems. *Parallel and Distributed Computing Practices*, 1(3):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no3abs.html#lumpp>.  
Li:2001:DTC
- [LY01] Xiangyang Li and Nong Ye. Decision tree classifiers for com-

- puter intrusion detection. *Parallel and Distributed Computing Practices*, 4(2):??, ????. 2001. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol04/vol04no2abs.html#li>.
- [Mac00] B. MacIntyre. Exploratory programming of distributed 3D graphics applications. *Parallel and Distributed Computing Practices*, 3(3):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no3abs.html#macintyre>.
- [Mar02a] Ami Marowka. Editorial: What is the GRID? *Parallel and Distributed Computing Practices*, 5(1):iii-iv, March 2002. CODEN ????. ISSN 1097-2803.
- [Mar02b] Ami Marowka. Introduction to the special issue: OpenMP: Experiences, implementations and applications. *Parallel and Distributed Computing Practices*, 5(2):v, June 2002. CODEN ????. ISSN 1097-2803.
- [Mas02] Michael W. Masters. Editorial: New challenges in managing distributed systems. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ????. ISSN 1097-2803.
- [MAT01] Farshad Moradi, Rassul Ayani, and Gary Tan. Some ownership management issues in distributed simulation using HLA/RTI. *Parallel and Distributed Computing Practices*, 4(1):??, ????. 2001. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol04/vol04no1abs.html#moradi>.
- [MB00] A. Marowka and M. Bercovier. A scalable portability model for parallel computing. *Parallel and Distributed Computing Practices*, 3(3):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no3abs.html#marowka>.
- [Mil98] Veljko Milutinovic. Editorial: Some thoughts about writing of journal papers. *Parallel and Distributed Computing Practices*, 1(3):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no3editorial.html>.
- [MKT98] Akihiko Miyoshi, Takuro Kitayama, and Hideyuki Tokuda. A real-time Java server for real-time Mach. *Parallel and Distributed Computing Practices*, 1(2):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www>.



- cs.okstate.edu/~pdc/vols/  
vol01/vol01no2abs.html#miyoshi.■
- [MLB99] U. Maier, P. Luksch, and A. Bode. Experiences with the SEMPA resource manager for real world scientific computing in networks of workstations. *Parallel and Distributed Computing Practices*, 2(2):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no2abs.html#maier.■>
- [MMMM98] G. Manimaran, Shashidhar Merugu, Anand Manikutty, and C. Siva Ram Murthy. Integrated scheduling of tasks and messages in distributed real-time systems. *Parallel and Distributed Computing Practices*, 1(2):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no2abs.html#manimaran.■>
- [MMMS98] Annie Marcoux, Christine Marel, Frederic Migeon, and Patrick Salle. Generic operational decomposition for concurrent systems: Semantics and reflection. *Parallel and Distributed Computing Practices*, 1(4):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no4abs.html#migeon.■>
- [MNT02] Zaher Mahjoub, Wahid Nasri, and Denis Trystram. Computing the inverse of a triangular matrix on heterogeneous clusters. *Parallel and Distributed Computing Practices*, 5(4):??, December 2002. CODEN ??? ISSN 1097-2803.
- [MP00] S. Mancini and R. Pacalet. LUX: A heterogeneous parallel computer dedicated to ray tracing. *Parallel and Distributed Computing Practices*, 3(3):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no3abs.html#mancini.■>
- [MSC98] W. A. Maniatty, B. K. Szymanski, and T. Caraco. Parallel computing with generalized cellular automata. *Parallel and Distributed Computing Practices*, 1(1):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no1abs.html#maniatty.■>

**Maier:1999:ESR****Mahjoub:2002:CIT****Mancini:2000:LHP****Manimaran:1998:IST****Malony:2001:PTC****Marcoux:1998:GOD****Maniatty:1998:PCG**

- Molla:2000:PFP**
- [MV00] R. Mollá and R. Vivó. Parallel fixed-point digital differential analyser with antialiasing PFD-DAA. *Parallel and Distributed Computing Practices*, 3(3):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no3abs.html#molla>. ■
- Masters:2001:ECB**
- [MW01] Michael W. Masters and Lonnie R. Welch. Editorial: Challenges for building complex real-time computing systems. *Parallel and Distributed Computing Practices*, 4(2):??, ??? 2001. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no2editorial.html>. ■
- Nagasawa:2000:WIS**
- [Nag00] Mikio Nagasawa. What-if scenario explorer for performance and scalability simulations. *Parallel and Distributed Computing Practices*, 3(4):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no4abs.html#nagasawa>. ■
- Naim:1998:VDL**
- [NH98] O. Naim and A. J. G. Hey. Visualization of do-loop performance using AVS. *Parallel and Distributed Computing Practices*, 1(1):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no1abs.html#naim>. ■
- Nezlek:2000:ESC**
- [NJN00] George S. Nezlek, Hemant K. Jain, and Derek. L. Nazareth. Estimating server capacities for enterprise computing architectures. *Parallel and Distributed Computing Practices*, 3(4):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no4abs.html#nezlek>. ■
- Ng:1998:EDC**
- [NS98] Joseph Kee-Yin Ng and Shubin Song. Efficient delay computation methods for real-time traffic in an ATM network. *Parallel and Distributed Computing Practices*, 1(4):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no4abs.html#ng>. ■
- Ng:1998:DFT**
- [NsL98] Joseph Kee-Yin Ng and Victor Chung sing Lee. Delayed frame transmission schemes for MPEG videos in a real-time. *Parallel and Distributed Computing Practices*, 1(3):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no3abs.html#joseph>. ■
- Ng:1999:DIV**
- [NX99] Joseph Kee-Ying Ng and Shuhua Xiong. The design and implementation of video servers

- in video-on-demand systems. *Parallel and Distributed Computing Practices*, 2(3):??, ????, 1999. CODEN ????, ISSN 1097-2803. URL [http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no3soft\\_reviews.html#ng](http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no3soft_reviews.html#ng) target=.
- [OBV02] Gabriel Oksa, Martin Becka, and Marián Vajtersic. Parallel computation with structured matrices in linear modeling of multidimensional signals. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ????, ISSN 1097-2803.
- [Omm01] Mikael Omma. Book review: *Server Based Java Programming*. *Parallel and Distributed Computing Practices*, 4(4):??, December 2001. CODEN ????, ISSN 1097-2803.
- [OOBG<sup>+</sup>02] T. Olivares, L. Orozco-Barbosa, P. J. Garcia, F. Quiles, and A. Garrido. On the performance and scalability of NFS over a Myrinet-based network of workstations. *Parallel and Distributed Computing Practices*, 5(2):233–238, June 2002. CODEN ????, ISSN 1097-2803.
- [OSS01] B. J. Overeinder, A. Schoneveld, and P. M. A. Sloot. Self-organized criticality in optimistic simulation of corre-
- lated systems. *Parallel and Distributed Computing Practices*, 4(1):??, ????, 2001. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol04/vol04no1abs.html#overeinder>.
- [Pal01] Michelle Pal. Book review: *Parallel Database Techniques*. *Parallel and Distributed Computing Practices*, 4(3):??, September 2001. CODEN ????, ISSN 1097-2803.
- [Pan00a] Yi Pan. Book reviews. *Parallel and Distributed Computing Practices*, 3(3):??, ????, 2000. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no3reviews.html>.
- [Pan00b] Yi Pan. Book reviews. *Parallel and Distributed Computing Practices*, 3(4):??, ????, 2000. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no4reviews.html>.
- [Pan01] Yi Pan. Book reviews. *Parallel and Distributed Computing Practices*, 4(2):??, ????, 2001. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol04/vol04no2reviews.html>.

Oksa:2002:PCS

Pal:2001:BRP

Omma:2001:BRs

Pan:2000:BRa

Olivares:2002:PSN

Pan:2000:BRb

Overeinder:2001:SOC

Pan:2001:BR

- [Pap00] **Paprzycki:2000:RV**  
 Marcin Paprzycki. Referees for volume 3. *Parallel and Distributed Computing Practices*, 3(4):??, ????, 2000. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no4referees.html>.
- [Pap01] **Paprzycki:2001:EWN**  
 Marcin Paprzycki. Editorial: What's in a name. *Parallel and Distributed Computing Practices*, 4(4):??, December 2001. CODEN ????, ISSN 1097-2803.
- [PK01] **Podhorszki:2001:SLM**  
 Norbert Podhorszki and Péter Kacsuk. Semi-on-line monitoring of P-GRADE applications. *Parallel and Distributed Computing Practices*, 4(4):??, December 2001. CODEN ????, ISSN 1097-2803.
- [PL00] **Periquet:2000:DPM**  
 A. I. Periquet and E. C. Lin. The design and performance of a meta-level mobile component for video delivery. *Parallel and Distributed Computing Practices*, 3(1):??, ????, 2000. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no1abs.html#periquet>.
- [PMM98] **Patnaik:1998:IFP**  
 L. M. Patnaik, Ravi Mittal, and K. M. Mehta. Introduction: Facilitating parallel and distributed computing. *Parallel and Distributed Computing Practices*, 1(4):??, ????, 1998. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no4introduction.html>.
- [PU02] **Pschernig:2002:PAO**  
 E. Pschernig and Andreas Uhl. Parallel algorithms for overlapped block-matching motion compensation. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ????, ISSN 1097-2803.
- [PWPM99] **Polze:1999:RTC**  
 A. Polze, K. Wallnau, D. Plakosh, and M. Malek. Real-time computing with off-the-shelf components: The case for CORBA. *Parallel and Distributed Computing Practices*, 2(1):??, ????, 1999. CODEN ????, ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1abs.html#polze>.
- [PZB02] **Pfarr:2002:ISI**  
 Barbara Pfarr, Armin Zimmerman, and Scott Brandt. Introduction to the special issue: Parallel and distributed real-time systems. *Parallel and Distributed Computing Practices*, 5(1):v-vi, March 2002. CODEN ????, ISSN 1097-2803.
- [QH00] **Qureshi:2000:EST**  
 K. Qureshi and M. Hatanaka. An empirical study of task scheduling strategies for image

- processing application on heterogeneous distributed computing system. *Parallel and Distributed Computing Practices*, 3(3):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no3abs.html#qureshi>. ■
- [RCJ00] E. Reinhard, A. Chalmers, and F. W. Jansen. Sampling diffuse inter-reflection within a hybrid scheduling ray tracer. *Parallel and Distributed Computing Practices*, 3(3):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no3abs.html#reinhard>. ■
- [Red99] Stewart Reddaway. Editorial: Will SIMD make a comeback? *Parallel and Distributed Computing Practices*, 2(3):??, ????. 1999. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no3editorial.html>. ■
- [RJC98] G. R. Ribeiro-Justo and P. R. F. Cunha. An application framework for dynamic distributed software architectures. *Parallel and Distributed Computing Practices*, 1(4):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no4abs.html#justo>. ■
- [RLR00] M. Rukoz, C. Leon, and M. Rivas. SIMA: A Java tool for constructing image processing applications on a heterogeneous network. *Parallel and Distributed Computing Practices*, 3(1):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no1abs.html#rukoz>. ■
- [RMB+98] R. R. Raje, S. Mukhopadhyay, M. Boyles, N. Patel, and A. Papiez. On designing and implementing a collaborative system using the distributed-object model of Java-RMI. *Parallel and Distributed Computing Practices*, 1(4):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no4abs.html#raje>. ■
- [Saj98] A. S. M. Sajeev. Parallel programming using visual patterns. *Parallel and Distributed Computing Practices*, 1(4):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no4abs.html#sajeev>. ■
- [SBM99] H. Sandhu, T. Brecht, and D. Moscoso. Multiple-writer entry consistency. *Parallel and Distributed Computing Practices*, 2(2):??, ????. 1999.

**Rukoz:2000:SJT****Reinhard:2000:SDI****Raje:1998:DIC****Reddaway:1999:EWS****Sajeev:1998:PPU****Ribeiro-Justo:1998:AFD****Sandhu:1999:MWE**

- CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no2abs.html#sand>.  
**Schmidt:2000:ETD** [Sch00] Douglas C. Schmidt. Editorial: Trends in distributed object computing. *Parallel and Distributed Computing Practices*, 3(1):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no1editorial.html>.  
**Schurer:2002:OCI** [Sch02] R. Schurer. Optimal communication interval for parallel adaptive integration. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ????. ISSN 1097-2803.  
**Snell:1999:DAP** [SJC99] Q. Snell, G. Judd, and M. Clement. The DOGMA approach to parallel and distributed computing. *Parallel and Distributed Computing Practices*, 2(2):??, ????. 1999. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no2abs.html#snell>.  
**Shi:2001:ROF** [SL01] Hongchi Shi and Hongzheng Li. Rank order filtering on massively-parallel single-bit mesh processor arrays. *Parallel and Distributed Computing Practices*, 4(1):??, ????. 2001. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no1abs.html#shi>.  
**Swaminathan:2002:FFB** [SM02a] S. Swaminathan and G. Manimaran. FARM: A feedback-based adaptive resource management for complex real-time systems and application to sensor Web. *Parallel and Distributed Computing Practices*, 5(1):1–13, March 2002. CODEN ????. ISSN 1097-2803.  
**Swaminathan:2002:VBS** [SM02b] S. Swaminathan and G. Manimaran. A value-based scheduler capturing schedulability-reliability tradeoff in multiprocessor real-time systems. *Parallel and Distributed Computing Practices*, 5(1):77–87, March 2002. CODEN ????. ISSN 1097-2803.  
**Song:2000:EDE** [Son00] S. W. Song. Editorial: Design of efficient and scalable parallel algorithms. *Parallel and Distributed Computing Practices*, 3(3):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no3editorial.html>.  
**Subramanian:1998:FPB** [SP98] Ram Subramanian and Santosh Pande. A framework for performance-based program partitioning. *Parallel and Distributed Computing Practices*,

- 1(4):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no4abs.html#ram>. [ST98]
- Spezzano:1998:CPE**
- Giandomenico Spezzano and Domenico Talia. The CARPET programming environment for solving scientific problems on parallel computers. *Parallel and Distributed Computing Practices*, 1(3):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no3abs.html#spezzano>. [ST98]
- Silc:1998:APC**
- [SRU98] J. Silc, B. Robic, and T. Ungerer. Asynchrony in parallel computing: From dataflow to multithreading. *Parallel and Distributed Computing Practices*, 1(1):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no1abs.html#silc>. [STP02]
- Subramanian:2001:AMP**
- [SRW01] S. Subramanian, D. M. Rao, and P. A. Wilsey. Applying multilevel partitioning to parallel logic simulation. *Parallel and Distributed Computing Practices*, 4(1):??, ????. 2001. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no1abs.html#subramanian>. [SW00]
- Schmidt:2000:KIS**
- [SS00] B. Schmidt and M. Schimmer. KPROC — an instruction systolic architecture for parallel prefix applications. *Parallel and Distributed Computing Practices*, 3(2):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no2abs.html#schmidt>. [SWR<sup>+</sup>00]
- Sterk:2002:NSF**
- M. Sterk, Roman Trobec, and M. Praprotnik. Numerical schemes for fluid flow and heat transfer in medical simulations. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ????. ISSN 1097-2803.
- Smith:2000:PSD**
- Connie U. Smith and Lloyd G. Williams. Performance and scalability of distributed software architectures: An SPE approach. *Parallel and Distributed Computing Practices*, 3(4):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no4abs.html#smith>. [SWR<sup>+</sup>00]
- Shirazi:2000:DBS**
- B. Shirazi, L. Welch, B. Ravindran, C. Cavanaugh, and E. Huh. DynBench: A benchmark suite for dynamic real-time systems. *Parallel and Distributed Computing Practices*, 3(1):??, ????. 2000.

- CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no1abs.html#shirazi>.  
**Szymanski:1998:ECP**
- [Szy98] Boleslaw K. Szymanski. Editorial: Challenges in parallel and distributed computing. *Parallel and Distributed Computing Practices*, 1(4):??, ????. 1998. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no4editorial.html>.  
**Tunali:1999:HFT**
- [TES99] T. Tunali, K. Erciye, and Z. Soyser. A hierarchical fault-tolerant ring protocol for distributed real-time systems. *Parallel and Distributed Computing Practices*, 2(1):??, ????. 1999. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no1abs.html#tunali>.  
**Tadonki:1999:PMV**
- [TP99] C. Tadonki and B. Philippe. Parallel multiplication of a vector by a Kronecker product of matrices. *Parallel and Distributed Computing Practices*, 2(4):??, ????. 1999. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no4abs.html#tadonki>.  
**Tadonki:2000:PMV**
- [TP00] C. Tadonki and B. Philippe. Parallel multiplication of a vector by a Kronecker product of matrices (Part II). *Parallel and Distributed Computing Practices*, 3(3):??, ????. 2000. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol03/vol03no3abs.html#tadonki>.  
**Tropper:2001:SIE**
- [Tro01] Carl Tropper. Special issue Editor introduction. *Parallel and Distributed Computing Practices*, 4(1):??, ????. 2001. CODEN ????. ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol04/vol04no1introduction.html>.  
**Trobec:2002:EPN**
- [Tro02] Roman Trobec. Editorial: Parallel numeric algorithms on faster computers. *Parallel and Distributed Computing Practices*, 5(2):iii–iv, June 2002. CODEN ????. ISSN 1097-2803.  
**Trapp:2002:ABE**
- [TST02] M. Trapp, B. Schuermann, and T. Tetteroo. Analyzing the behavior of embedded systems concerning graceful degradation. *Parallel and Distributed Computing Practices*, 5(1):27–40, March 2002. CODEN ????. ISSN 1097-2803.  
**Thulasiraman:2002:EMA**
- [TKG02] Parimala Thulasiraman, Kevin Theobald, Ashfaq A. Khokhar, and Guang R. Gao. Efficient multithreaded algorithms for the Fast Fourier Transform. *Parallel and Distributed Computing*



*Practices*, 5(2):239–258, June 2002. CODEN ???? ISSN 1097-2803.

**Tanev:2000:DBP**

- [TUO00] I. T. Tanev, T. Uaozumi, and K. Ono. DCOM-based parallel distributed implementation of GP. *Parallel and Distributed Computing Practices*, 3(1):??, ???? 2000. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no1abs.html#tanev>.■

**Tjaden:2001:SMC**

- [TW01] Brett Tjaden and Lonnie R. Welch. Security for mission critical real-time systems. *Parallel and Distributed Computing Practices*, 4(2):??, ???? 2001. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol104/vol104no2introduction.html>.■

**Trobec:2002:ISI**

- [TZVU02] Roman Trobec, Peter Zinterhof, Marián Vajtersic, and Andreas Uhl. Introduction to the special issue: Parallel numerics and applications. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ???? ISSN 1097-2803.

**Vardanega:1999:DCF**

- [Var99] T. Vardanega. On the distribution of control functions in new-generation on-board embedded real-time systems. *Parallel and Distributed Computing Practices*, 2(1):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1abs.html#varda>.■

1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1abs.html#varda>.■

**vanKatwijk:1999:SDV**

- [vKdRST99] J. van Katwijk, R. de Rooij, S. Stuurman, and H. Toetenel. Software development and verification of dynamic real-time distributed systems based on the radio broadcast paradigm. *Parallel and Distributed Computing Practices*, 2(1):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1abs.html#katwijk>.■

**vanKatwijk:1999:PDR**

- [vKZ99] Jan van Katwijk and Janusz Zalewski. Parallel and distributed real-time systems: An introduction. *Parallel and Distributed Computing Practices*, 2(1):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1introduction.html>.

**Wu:1999:JBD**

- [WCS99] X. Wu, Q. Chen, and X.-H. Sun. A Java-based distributed debbuger supporting MPI and PVM. *Parallel and Distributed Computing Practices*, 2(4):??, ???? 1999. CODEN ???? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no4abs.html#wu>.

- Welch:1998:EOP**
- [Wel98] Lonnie R. Welch. Editorial: Open problems in the distributed control systems domain. *Parallel and Distributed Computing Practices*, 1(2):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no2editorial.html>. ■
- Weissman:1999:HPT**
- [WG99] B. Weissman and B. Gomes. High performance thread migration on clusters of SMPs. *Parallel and Distributed Computing Practices*, 2(2):??, ??? 1999. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol02/vol02no2abs.html#boris>. ■
- Welch:1998:IED**
- [WH98] Lonnie R. Welch and Dieter K. Hammer. Introduction: Engineering of distributed control systems. *Parallel and Distributed Computing Practices*, 1(2):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no2introduction.html>. ■
- PDCP-92450010**
- [WJJ98] Zheng Weimin, Shen Jun, and Wang Ju. A new fast message passing communication system for multiprocessor workstation clusters. *Parallel and Distributed Computing Practices*, 1(4):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol01/vol01no4abs.html#zhen>. ■
- Wu:2002:ALB**
- [WJT02] Song Wu, Hai Jin, and Guang Tan. Analysis of load balancing issues caused by intramovie skewness for parallel video servers. *Parallel and Distributed Computing Practices*, 5(2):205–217, June 2002. CODEN ??? ISSN 1097-2803.
- Wismuller:2001:MCP**
- [WLKB01] Roland Wismuller, Thomas Ludwig, Wolfgang Karl, and Arndt Bode. Monitoring concepts for parallel systems—an evolution towards interoperable tool environments. *Parallel and Distributed Computing Practices*, 4(3):??, September 2001. CODEN ??? ISSN 1097-2803.
- Wolf:2001:SPP**
- [WM01] Felix Wolf and Bernd Mohr. Specifying performance properties of parallel applications using compound events. *Parallel and Distributed Computing Practices*, 4(3):??, September 2001. CODEN ??? ISSN 1097-2803.
- Wojcik:1999:DCR**
- [WZ99] Z. M. Wójcik and J. Zalewski. Distributed computations in real time based on a rough grammar principle. *Parallel and Distributed Computing Practices*, 2(1):??, ??? 1999. CODEN ??? ISSN 1097-2803.

1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol102/vol102no1abs.html#wojcik>.

**Yamane:1998:AEV**

- [Yam98] Satoshi Yamane. Automatic effective verification method for distributed and concurrent systems using timed language inclusion. *Parallel and Distributed Computing Practices*, 1(2):??, ??? 1998. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol101/vol101no2abs.html#yamane>.

**Zalewski:2000:ETS**

- [Zal00] J. Zalewski. Editorial: Tool support for distributed real-time software. *Parallel and Distributed Computing Practices*, 3(2):??, ??? 2000. CODEN ??? ISSN 1097-2803. URL <http://www.cs.okstate.edu/~pdc/vols/vol103/vol103no2editorial.html>.

**Zinterhof:2002:NIH**

- [Zin02] Peter Zinterhof. Numerical integration and Hilbert–Schmidt norms. *Parallel and Distributed Computing Practices*, 5(3):??, September 2002. CODEN ??? ISSN 1097-2803.

**Zoltani:2001:EPO**

- [ZSnH01] Csaba K. Zoltani, Punyam Satya-narayana, and Dixie Hisley. Evaluating performance of OpenMP and MPI on the SGI Origin 2000 with benchmarks of realistic problem sizes. *Parallel and Distributed Computing Practices*, 4(4):??, December

2001. CODEN ??? ISSN 1097-2803.