

A Complete Bibliography of Publications in *Parallel Algorithms and Applications*

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, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <http://www.math.utah.edu/~beebe/>

13 October 2017
Version 1.03

Title word cross-reference

1 [AF93]. 1* [HSO96]. 2 [CLL95]. *d* [TJ03, Td96]. *k* [LQ96, SAOKM01]. L_0 [GTA97]. *m* [SWT98]. *n* [SAOKM01]. $O(\log_4 n)$ [DS04]. $O(\log p)$ [DD00, TFT02]. S_n [AR94].

-ary [SAOKM01, SWT98]. **-Cubes** [SAOKM01]. **-D** [CLL95]. **-Dimensional** [Td96]. **-Neighbours** [TJ03]. **-Stable** [GTA97].

2000 [VZ03]. **26** [Sto94].

5 [KCMC96].

Achieve [Rao96]. **Action** [CCZ95]. **Activity** [Cha98]. **Adaptative** [Ten96]. **adaptive** [SU03]. **Admitting** [AL97]. **Advanced** [Pla00]. **Affine** [LX02]. **Age** [BW95, KR96, KR97]. **Aided** [AY93]. **Algebra** [MAGE94]. **Algebraic** [Dje01]. **Algorithm** [AGGR95, ABC⁺99, Als02, AR94, AS97, ABEA97, BEK97, BCC95, BA95, BX94, CS94, CS95, CJK93, DV97, DHM94, DS95, DS00, EY94b, FGS97b, FML95, GI96, GC94, GP94, HE96b, HLN95, JLT94, KR96, KR97, KJ95a, KJ95b, Kip96, KS95, LOSZ94, LO95, LY02, MW00, MB95, MM94, MM95, OSS⁺93, OA94, Pap94, RDK00, SS94a, Stp03, SNS94, SWMC95, SWC99, Thu93, VMG03, YLE94, DS04, FM98, GSZ02, GSBM97, HZ04, LTCT97, OAE04, Pur03, Sog97].

Algorithmic [MSBK01]. **Algorithms** [AAD99, AAD00, AKT⁺97, Ano94, ATG95a, ATG95b, AD94, Bah99, BBE95, Baz96, BV99b, BF94, Bha03, BC96, Bog94b, BL94b, Cal96, CLZ96, Cha98, CJP04, DFZ94, Dat01, DSVF95, DRS95, DKKS96, Dou96, ENSS93, EC95, GSA94, GA04, Guh98, HE96a, HKC95, HCL93, KCMC96, KRT98, Lan96, Li97, MKD97, MPS96, ND94, OBHS00, PB95, PLZ98, Pap95, SS95, Sto96, Sto94, TR02, TRFM95, TK95, BV98, BV99a, BT03, CE97, CM03, DRT94, EA97, MS00b, SU03, Ten96, UH97]. **Alignment** [ETN94]. **All-Pairs** [CS94]. **Allen** [DV97]. **Allocation** [ETN94, Zho94]. **Alternate** [Rao94]. **Alternating** [EJ94, Suk96, GSBM97]. **Among** [AS99]. **Analog** [DSVF95]. **Analyser** [MRS94]. **Analysis** [Cel93, CC02, DMSD95, FGS97a, HB97, KR97, KRT98, LPW97, NB99, OBHS00, SNS94, YXZ96, SAW02]. **Analyzing** [Cha98]. **Angular** [AR94]. **Annealing** [BC96, DLMS96, MKD97, YLE94]. **Announcement** [SS95]. **Application** [Als02, DZP00, LM98, SE95, ZZ04]. **Application-Specific** [LM98]. **Applications** [Ano94, BA95, Cel93, CPT00, CLL95, CC02, LCFL04, LO95, SS95, Sto94, GA04]. **applied** [GSBM97]. **Approach** [AR94, CE96, DKKS96, RTDL94, TK95, Zho94]. **Approximate** [Pin02, Spe94]. **Approximation** [Li97]. **Aquifer** [PS99]. **Arbitration** [MCMN95]. **Architectural** [SWC99]. **Architecture** [AY93, Bro97, CJP04, ENSS93, HNRW02, MRS94, SP95, WE93, HZ04]. **Architectures** [ABEA97, ES93, GP94, MS00a, PS95, DRT94, UH97]. **Arcs** [AB97]. **Area** [CW95]. **arithmetic** [BD95]. **Array** [AE97, Bro97, Cel93, CLL95, EW97, Fid01, LM98, MM04, MRS94, PMJ99a, PMJ99b, PLZ98, Pla00, SCM00, BT03, ME97]. **Arrays** [AF93, AKT⁺97, BFM97, CES00, CLZ96, CT96, EC94, GE94, PA96, Tsa93]. **Arrival** [WE93]. **Artificial** [MAGE94]. **ary** [SAOKM01, SWT98]. **Assignment** [MB95, OA94, Pin97]. **Asynchronous** [Baz96, CD97, HNL97a, HNL97b, KCMC96, LN95, WBE94a, WBE94b]. **Automata** [LWC96]. **Automatic** [DZ96, SSBK99]. **Axiomatic** [SCG00]. **Axiomatization** [GC94]. **B&B** [GC94]. **Background** [SCM00]. **Backpropagation** [CE95b, SP95]. **Backpropagation-Cauchy** [CE95b]. **Backward** [AAD00]. **balancer** [MB04]. **Balancing** [EC95, GST95, Hen96, QA94, SEY97, Td96, MTR03]. **Banded** [RDK00]. **Based** [DS95, DS00, Ger03, KCMC96, LX02, MRS94, MM95, Qsn95a, Qsn95b, Skl02, SM01, WH96, MB04]. **Bases** [LL93]. **Basic** [UH97]. **Behaviour** [AL97]. **Benchmarks** [EK96]. **Best** [GC94]. **Best-First** [GC94]. **Biharmonic** [ME99]. **Binary** [HSO96, SKK04]. **Bipartite** [KJ95a, KJ95b, KS97]. **Bit** [Bha03, SSL04]. **bit-serial** [SSL04]. **Bitonic** [AB94]. **Bits** [FT96]. **Blackboard** [AY93]. **Block** [BV99a, BV99b, CS93, ES94, EB94b, GR94, GP94, MT95, ME99, Nik96, Sch95, XPJG94, Kon95, OV03]. **Block-Finding** [Nik96]. **Block-Jacobi** [BV99a, BV99b, OV03]. **BMARS** [BHW00]. **Bordered** [EB94b]. **Both** [PN96]. **Boundary** [AK95, KR95]. **Boundary-Conforming** [AK95]. **Bounds** [AKT⁺97, CS93]. **Bratislava** [VZ03]. **Breadth** [LO95]. **Breadth-First** [LO95]. **Bridges** [ND94]. **Broadcast** [WL01]. **Broadcasting** [FGSxx, Sto96, Sto93]. **BSP** [SCG00]. **BSP-Style** [SCG00]. **BSR** [MS00b]. **Bucket** [Che97]. **Buffered** [PF01]. **Buffers** [KRT98]. **Building** [BE94, YXZ96]. **Bulk** [Cal96, CE97]. **Bulk-synchronous** [CE97]. **Bus** [FGS96, PLZ98, RS96, BT03, FGSxx].

Buses [Chu94, PA96, Li04].

Caching [Dou96]. **Calculation** [EY94b].

Calculations [Kha01]. **Capacity** [Dje01].

Capon [WE93]. **Carlo** [DKKS96, ESSU03, MAD94, MST94, WMF94, ZZ04]. **Cascade** [CCY95]. **Case** [GI96, QL94, Bha97].

Cauchy [CE95b]. **Cellular** [LWC96].

Center [AS97]. **Centers** [Cha96]. **CFD**

[EK96]. **CGLS** [YL99]. **chains** [BD95].

Channel [MB95]. **Chaotic** [Bah99].

Character [ES96]. **Checking** [BV95]. **chip** [SSL04]. **Cholesky** [HZ04, PMJ99a].

Chromosome [BC96, Bha97]. **Circuit**

[BAT99]. **Circular** [AB97]. **Circulation**

[AS01]. **Class** [AF93, BEW97, DZE95,

Fid01, WBE94a, WBE94b]. **Classification**

[ET95]. **Clipping** [Chr95]. **Cliques** [AB97].

Clone [BC96]. **Cluster**

[FW95, WMF94, AAL04]. **Clustered**

[CE96]. **Clustering** [LPW97]. **CM**

[KCMC96]. **CM-5** [KCMC96]. **Co** [SCM00].

Co-Partitioning [SCM00]. **Coarse** [DD00].

Coarse-Grained [DD00]. **Code**

[PB00, Pin97, PS99, Sto93]. **Codes**

[MCMN95]. **Coefficients** [BW95].

Cographs [LOSZ94]. **Collection** [TR02].

Colouring [Bha03]. **Combining**

[DLMS96, SCM00]. **Common** [LY02, LM98].

Communication [DD00, ERA94, SM01].

Communications [Bro97, LC97].

Comparative [AA96, PZ93, AAL04].

Comparison [DRS95, EA95]. **Compile**

[FGS97a, PCJR97]. **Compile-Time**

[FGS97a]. **Compilers** [SS95, SS97a, SS97b].

Complement [Sch95]. **Complementarity**

[BEW97]. **Complete** [HSO96, OA95].

Complex [Pin02]. **Complexity** [HNL97b].

Composite [MW00, Thu93, Thu97].

Compositions [SE96]. **compression**

[UH97]. **Computation**

[AL97, BL94b, CW95, CCY95, CPT00,

FPS94, Hor94, LMR96, MCSW97, Nak96,

PAZN96, SS94b, Sto96, GSBM97].

Computational [Chr95, DSVF95].

Computations

[Bog94a, Dey94, MPS96, Tsa93, Li04, MB04].

compute [BV98]. **Computer**

[AY93, CJK93, CE95b, FGS97b, HLM94,

HNL97b, JS93, KJ95a, KJ95b, LE95,

MPS96, ME99, Pin02, MT97].

Computer-Aided [AY93]. **Computers**

[Chu94, DE95, DD00, DES97, EK96, EA95,

MST94, RS96, Sto96, YL99, FM98, HNL97a].

Computing [AB97, BCC95, BL96, BW95,

HNL97b, SJL⁺94, SWMC95, SWC99,

WMF94, Ano00, QPPJ03, Sog97].

Concurrent [AY93]. **Conference** [Ano93].

Confidence [HB97]. **Conforming** [AK95].

Congestion [HSO96]. **Conjugate**

[EW97, GGM04, GSZ02]. **Connected**

[AD94, ABEA97, CJK93, Chu94, FGS97b,

KJ95a, KJ95b, Sto96, TOR93, Tsa93].

Connection [AB94]. **connectivity** [YM04].

conquer [GSZ02]. **conscious** [MB04].

Conservative [Cal96]. **Considerations**

[SM01]. **Considering** [ERA94]. **Consistent**

[PAZN96]. **Constant** [MB95, MS00b].

Constrained [Mit96]. **Constraint** [BV95].

Context [BBE95]. **Context-Free** [BBE95].

Contraharmonic [YE95a]. **Convergence**

[HKC95, HNL97b, LN95, NB99, SWMC95].

Convex [CLZ96, KJ95a, KJ95b, Nak96].

CORBA [MTR03]. **Coscheduling** [PF01].

Cost [AA04, Chr95, LO95, VMG03].

Cost-effective [AA04]. **Cost-Optimal**

[LO95, VMG03]. **Coupled** [EJ94, YE95b].

Covariance [BFM97]. **Cover** [LOSZ94].

CRAGE [EJ94]. **Cray** [BAT99, EK96].

Creation [Pin97]. **Cross** [TRFM95].

Cross-Platform [TRFM95]. **crossed**

[YM04]. **Cubes** [SAOKM01, YM04]. **Cubic**

[CFMP02]. **Cut** [CFMP02]. **Cutpoints**

[ND94]. **cycle** [YM04]. **Cycles** [DK96].

D [AF93, CLL95]. **DAGs** [LPW97]. **Dap**

[DOS97]. **Data**

[DKKS96, DZ96, ETN94, GE96, MKD97,

SP95, SSBK99, TE93, BHW00, PZ03]. **Data-Driven** [TE93]. **Database** [BV95]. **DDM** [KCMC96]. **De-Coupled** [YE95b]. **Deadlock** [ZPBD04]. **Deadlock-free** [ZPBD04]. **Debugging** [JDMW96]. **Decision** [AG96, DZP00]. **Decomposition** [EY94a, HE95, QL94, TOR93, Kon95]. **Decompositions** [PZ93]. **Decoupling** [ES94, Kip96]. **Defects** [ESSU03]. **Definite** [CE95a, EO97]. **Delivery** [AG96]. **demand** [FM98]. **demand-driven** [FM98]. **Density** [FPS94]. **Dependence** [AKT⁺97, GE96, TK95]. **Dependences** [LX02, PC01, PCJR97]. **Depth** [AS01, DS95, DS00]. **Depth-First** [AS01]. **Depth-First-Search** [DS00]. **Derivation** [BB94, Meg93]. **Deriving** [LY02]. **Design** [EG97, MW00, Pla00, SM01]. **Designs** [AE97, MM04]. **Detection** [ABC⁺99, PB00, RF00]. **Determining** [PB95]. **Determinism** [Rao96]. **Deterministic** [Rao96]. **Developing** [SCG00]. **Devoted** [Sto94]. **Diagonal** [CS93, EB94b]. **Diary** [Ano93]. **difference** [Pur03]. **Different** [OBHS00]. **Differential** [BGRD00, DKKS96, Sim94]. **Diffusion** [GTA97, NB99]. **Dimension** [DOS97]. **Dimensional** [GTA97, KS95, ME99, Td96]. **Dimensions** [Dou96]. **Direct** [RTDL94]. **direction** [Sog97]. **Directions** [WE93]. **Directions-of-Arrival** [WE93]. **Discrete** [BQOQO02, Cal96, CE96]. **Discrimination** [DOS97]. **Distance** [Nik96, Sog97]. **Distances** [TJ03]. **Distributed** [AFT00, ABC⁺99, AS97, AS99, BV99b, CW95, CS94, CPT00, DbT01, Dje01, DZ96, EC95, ET95, GSA94, GGM04, GA04, GP94, HNL97b, KGB94, LL93, LMR96, MCMN95, MPS96, MW00, RS96, YL99, Zho94, BV99a, HNL97a]. **Distributed-Memory** [GSA94, KGB94]. **Distribution** [Lau02, Td96, AA04]. **Divide** [HLN95, GSZ02]. **Divide-And-Inner** [HLN95]. **Doa** [WE93]. **Doing** [Wil00]. **Domain** [DMSD95, HE95, QL94]. **Dominance** [Sto96]. **Dominating** [PB95]. **Dominator** [Hor94]. **double** [YM04]. **double-vertex-cycle-connectivity** [YM04]. **Downdated** [KC93]. **DPART** [DZ96]. **Driven** [TE93, FM98]. **Dynamic** [CE96, EC95, GST95, TE93, MB04, TFT02, ZPBD04]. **economics** [Ano00]. **Edge** [HSO96, PB95]. **Edge-Congestion** [HSO96]. **Edge-Packing** [PB95]. **Editorial** [Ano01, Eva93]. **Effective** [PC01, Zho94, AA04]. **Efficient** [AAD99, AKT⁺97, AD94, ABEA97, DHM94, DFZ94, Dat01, Li97, LOSZ94, MS96, MRS94, MS00b, OA94, PB95, Pin97, Pla99, Qsn95a, SWT98, Sim94, SKK04]. **Eigenpairs** [Kha01]. **Eigensolutions** [MCSW97]. **Eigenvalue** [LE95, Pin02]. **Eigenvalues** [EY94b, BV98]. **Eigenvectors** [LX02, BV98]. **Eigenvectors-Based** [LX02]. **Electromagnetic** [AFT00]. **Electronic** [WH96]. **Element** [PS99]. **Elimination** [AAD00, BB94, CE95a, EA94, MM94, VMG03]. **Elliptic** [AA96, DKKS96, Gol00, HE96b, KCMC96]. **Embeddings** [HSO96]. **Employing** [SAOKM01]. **Emulations** [SWT98]. **Enabled** [LCFL04]. **Enclosing** [CJK93]. **Ends** [Rao96]. **Engineering** [AY93]. **Enhanced** [EY94c]. **Entropy** [Bog94b]. **Enumerating** [DK96]. **Environment** [TRFM95, MTR03, QPPJ03]. **Environments** [SWMC95, SWC99]. **Epidemics** [MSCSxx]. **Equation** [BB94, GTA97, Qsn95a, Qsn95b]. **Equations** [AF93, ATG95a, ATG95b, BQOQO02, BGRD00, CD97, DZE95, DKKS96, EC94, Fid01, Gol00, HE96b, KR96, KGB94, MM94, MM95, Sch95, Sim94, Meg93]. **Eratosthenes** [LQ96]. **EREW** [BX94, Kon00, LOSZ94, LO95]. **Estimation** [DOS97, HB97, MS00a, SCM00, WE93].

Estimator [BFM97]. **Evaluation** [HLN95, Kip96, Pap95, SP95, Stp03, QPPJ03, SU03]. **Event** [Cal96, CE96]. **Eventual** [Rao96]. **Evolution** [HKC95, HE95, YLE94]. **Evolutionary** [CPT00]. **Evolving** [PN96]. **Exact** [KGB94]. **Exclusion** [AS99]. **Execution** [AF93]. **Expected** [AF93]. **Experience** [BL94b]. **Experiment** [SJM⁺94, ZP95, PZ03]. **Expert** [TE93]. **Explicit** [EJ94, GGM04, Suk96, YE95b, AAL04, OAE04, Pur03]. **Explicitly** [FGS97a]. **Exploiting** [AR94]. **Exponentiation** [CCY95]. **Extended** [HSO96, Sog97]. **Extension** [LQ96]. **Extraction** [DV97]. **Extrapolation** [YE95a]. **Extremal** [MCMN95].

Facility [PL94]. **Factorisation** [EA95, CE97]. **Factorization** [BL94a, MM95, PMJ99a, Rao94]. **FAN** [AGLP01]. **Fast** [DRT94, EG97, Li04, LY02, MS96, ND94, PLZ98, Stp03, FCF03]. **Fastest** [GE93]. **Fault** [BT03, SEY97]. **Fault-Tolerant** [SEY97]. **feedback** [TFT02]. **FFT** [AD94, SNS94]. **Field** [PAZN96]. **finance** [Ano00]. **Financial** [BGRD00, CPT00, DZP00]. **Find** [AS97]. **Finding** [Cha96, CJK93, ND94, Nik96, SS94b, TK95, BD95]. **Finite** [PS99]. **First** [AS01, DS95, DS00, GC94, LO95]. **Fixed** [HNL97b, KS95, LN95, PS95]. **Fixed-Dimensional** [KS95]. **Fixed-Size** [PS95]. **Flame** [DES97]. **Flexible** [FCF03, ME97]. **floating** [SSL04]. **floating-point** [SSL04]. **Flow** [CCZ95, PZ93, GSBM97]. **Folding** [GE94, ME95]. **Foreword** [Ola96, VZ03]. **Formalism** [LL93]. **Forms** [Pin97]. **formulation** [GSBM97]. **Fortran** [KMBK96]. **four** [OAE04]. **Fourth** [ATG95a]. **Fourth-Order** [ATG95a]. **FPGA** [HZ04, Skl02]. **FPGA-Based** [Skl02]. **Fractal** [DOS97, UH97]. **Framework** [Ran98, AGLP01].

Frameworks [SCG00]. **Free** [BBE95, FML95, Pin94, ZPBD04]. **frog** [ESSU03]. **Full** [SCM00, VMG03]. **function** [GSBM97]. **Functional** [Dey94, DKKS96]. **Functions** [BEK97, FPS94, MSBK01].

Gauss [BE96]. **Gaussian** [AAD00, VMG03]. **General** [ME94a, PS95, Kon00]. **Generalized** [BL94a, CLL95, ME94b, Sto96, WL01]. **Generating** [SE96]. **Generation** [AK95, Gol00]. **Genetic** [BBE95, HKC95, MKD97, MW00, SSBK99, TRFM95]. **Geometric** [Als02, BF94]. **Geometry** [DSVF95]. **Givens** [Kon00, RTDL94]. **Global** [Bro97, DE95]. **GMRES** [SAW02]. **Gossiping** [FGS96, KRT98]. **Gradient** [EW97, GGM04, GSZ02]. **Grained** [DD00]. **Gram** [MM95, OBHS00]. **Graph** [AS97, Bha03, DLMS96, DK96, KJ95a, KJ95b]. **Graph-Partitioning** [DLMS96]. **Graphs** [Als02, CFMP02, Cha96, ERA94, KS97, ND94, OA95, PB95]. **Gray** [Sto93]. **grey** [SKK04]. **Grid** [AK95, Gol00, LCFL04]. **Grid-Enabled** [LCFL04]. **Grids** [HSO96, Ran98, Thu93, Thu97]. **Grounding** [AFT00]. **Group** [EJ94, Suk96, YE95b, AAL04, OAE04]. **Growth** [WMF94]. **guided** [TFT02]. **GVT** [BCC95].

Hamiltonicity [LOSZ94]. **Hardware** [Skl02]. **Hardware/Software** [Skl02]. **Hash** [TR02]. **Hashing** [Pap94]. **Hawk** [HBT97]. **Heap** [DHM94]. **Heat** [LWC96]. **Heavily** [EC95]. **held** [VZ03]. **Helpful** [DLMS96]. **Hessenberg** [Qsn95a, Qsn95b]. **Heterogeneous** [CE96, CC02, ENSS93]. **Heuristics** [DRS95, LPW97]. **HICSS** [Sto94]. **HICSS-26** [Sto94]. **Hierarchical** [SSBK99, Sog97]. **High** [Dje01, LCFL04, MST94, KMBK96]. **High-Level** [Dje01]. **High-Performance** [LCFL04]. **Higher** [MS00a, MSBK01].

Histogramming [JS93]. **Homogeneous** [EC95]. **Householder** [MM94]. **HP** [LCFL04]. **Huard** [MT97]. **Hull** [CLZ96, Nak96]. **Hurricane** [SJL⁺94]. **Hyperbolic** [ATG95b]. **Hypercube** [AD94, Cel93, CS95, FML95, SS94a, Bha97]. **Hypercube-Connected** [AD94]. **Hypercubes** [SEY97, She00, Sto93, BV99a]. **Hypercubic** [BF94]. **Hyperstar** [AAD99].

i860 [LE95]. **II** [BV99b, PMJ99b]. **Illustrated** [SCM00]. **Image** [AE97, BET95, Chr95, ENSS93, ZP95, UH97]. **Implementation** [AE97, BAT99, BFM97, CE95b, DOS97, LE95, SP95, SWC99, WL01, WMF94, HZ04, TFT02]. **Implementations** [YE95b, SAW02]. **Implicit** [BE96, EA94]. **Improved** [Als02, DS00, FW95, PF01]. **Incomplete** [Sto93]. **incompressible** [GSBM97]. **Incremental** [Cha98]. **Independent** [CJP04]. **Inference** [HE96a]. **InfiniBandTM** [ZPBD04]. **Influences** [SWC99]. **Inhomogeneous** [Ran98]. **Inner** [HLN95]. **Integer** [AGGR95, FGS97b, SE96]. **integral** [Ten96]. **Integrals** [EB94a]. **Integration** [EB94a, MTR03, ESSU03, SU03]. **Interconnect** [SM01]. **Interconnection** [FGS96, QA94, FGSxx]. **Interface** [Ano00]. **Interior** [HLM94]. **Interlocking** [EG97, GE96, Rao94]. **International** [VZ03]. **Interpolation** [SAOKM01]. **Intertask** [LC97]. **Interval** [May96, PB95]. **Introduction** [Lan96, SS97a, Sto94]. **Inverse** [Pin02]. **Inversion** [ME94a, MAD94]. **IO** [ZZ04]. **Iso** [Pla99]. **Iso-Planes** [Pla99]. **Issue** [GA04, Lan96, SS95, SS97a, Sto94]. **Iteration** [PS95, PCJR97]. **Iterations** [Dey94, LN95, ME95]. **Iterative** [Baz96, CD97, HNL97b, KM96, MAGE94, ME94b, MPS96, ME99, XPJG94, XPJG96, YE95b, AAL04, HNL97a].

Jacobi [BV99a, BV99b, OV03]. **Janus** [Sog97]. **Java** [LCFL04]. **Join** [TR02]. **Jordan** [BE96]. **Journal** [SS95, GA04].

Kennedy [DV97]. **Kernel** [SCM00]. **Knapsack** [AGGR95, Ten96, Meg93]. **Knowledge** [LL93]. **Kohonen** [BE94]. **Kutta** [YE95a].

Lagrange [SAOKM01]. **Laminate** [MW00]. **Lanczos** [GP94, MCSW97, Pin94, SWMC95, SWC99]. **Lanczos-Type** [Pin94]. **Languages** [BBE95, SS97a, SS95]. **Large** [BEW97, Dey94, HLM94, HE95, PMJ99a, PMJ99b, QL94, Pia03]. **Large-Scale** [Dey94]. **Lattice** [YXZ96]. **Layered** [TOR93]. **LCS** [MS00b]. **Leaky** [PS99]. **leap** [ESSU03]. **leap-frog** [ESSU03]. **Least** [YL99]. **Leftmost** [Pin02]. **Level** [AE97, Dje01, CM03, SKK04]. **Library** [Wil00]. **Lightly** [EC95]. **Limit** [HB97]. **Limited** [Dje01]. **Line** [JDMW96]. **Linear** [Bah99, BEW97, BE96, BQOQO02, BB94, Bro97, CLZ96, CE95a, CLL95, CD97, EC94, EA94, EB94b, EY94c, EW97, Fid01, GE96, HLM94, KCMC96, KGB94, KC93, KS95, MAGE94, MRS94, MT95, MM94, MM95, PMJ99a, PMJ99b, PLZ98, Rao94, RDK00, TK95, BT03, DS04, Kon00]. **Liouville** [FPS94]. **Liquid** [Hen96]. **LIS** [MS00b]. **List** [DD00]. **Load** [EC95, GST95, Hen96, Lau02, QA94, Td96, MTR03, MB04]. **load-balancer** [MB04]. **Loaded** [EC95]. **Local** [CW95]. **locality** [MB04]. **locality-conscious** [MB04]. **Localization** [BL96]. **Locally** [TOR93]. **Location** [PL94]. **Logic** [BB94, LL93]. **Longest** [LY02, LM98]. **Loop** [ERA95, PC01, PCJR97, TFT02]. **Loops** [DV97, EB95, LX02]. **Low** [AE97]. **Low-Level** [AE97]. **Lower** [AKT⁺97].

Machine [AB94, BL94a, Cel93]. **Machines** [DZ96, ETN94, MSCSxx, SE95, TR02,

TTS00]. **Magic** [EG97]. **Management** [SCM00]. **Managing** [DHM94]. **Manipulation** [Bha03]. **Mapped** [AF93]. **Mapping** [AKT⁺97, ABEA97, CT96, CLL95, DRS95, EB95, MKD97, MPS96, Pla99, TOR93, Tsa93]. **maps** [Bha97]. **Markov** [BD95]. **Massively** [BC96, HLM94, KC93, SSL04, SKK04]. **Matching** [Als02, DS95, DS00, KJ95a, KJ95b, KS97, OA95, Spe94, DS04, ME97]. **Matrices** [BEK97, GR94, Kha01, Nik96, Pin02, BV98, EA97, Pia03]. **Matrix** [BQOQO02, EY94b, EA95, GSA94, GE93, KM96, ME94a, MAD94, MM95, PMJ99a, PMJ99b, PA96, Pia03, RTDL94, WBE94a, CE97, DRT94, Li04]. **Max** [CFMP02]. **Maximal** [DS95, DS00, DS04]. **Maximum** [AB97, OA95]. **Mean** [YE95a, BD95]. **Means** [Rao96]. **Mechanism** [WMF94]. **Medians** [Cha96]. **Meiko** [LE95]. **Memory** [AFT00, BV99b, DZ96, ETN94, GSA94, GP94, KGB94, MPS96, MS96, RS96, SCM00, SE95, TR02, YL99, BV99a, HZ04, MT97, OAE04]. **Merging** [BX94]. **Mesh** [ABEA97, CJP04, CJK93, Chu94, ES93, FGS97b, Guh98, JS93, KJ95a, KJ95b, MS96, MB95, Nak96, Sto96, Tsa93, MB04]. **Mesh-Connected** [ABEA97, CJK93, Chu94, FGS97b, KJ95a, KJ95b, Tsa93]. **Mesh-Independent** [CJP04]. **Meshes** [BV99b, OSS⁺93, Sto96, Td96, OV03]. **Message** [Baz96, DRS95, Pap95, TOR93, QPPJ03]. **Message-Passing** [DRS95, TOR93, Pap95]. **Method** [AFT00, BW95, Baz96, CCZ95, CE95b, DE95, ES94, EJ94, EA94, EY94a, EY94c, EW97, GMP95, GGM04, GE96, HLM94, HE95, Hen96, HNL97b, KR95, Kha01, MAD94, MCSW97, QL94, Qsn95a, Qsn95b, Rao94, Sch95, SE96, Suk96, WE93, YE95a, YL99, BD95, HNL97a, MT97, Pur03]. **Methodology** [DZP00]. **Methods** [BEW97, CD97, DZE95, EA95, GTA97, MAGE94, ME94b, MT95, ME99, Sim94, SJL⁺94, WBE94a, WBE94b, XPJG94, XPJG96, YE95b]. **Metrics** [LMR96]. **Migration** [MW00]. **MIMD** [Bha97, BL94b, DRT94, GSA94, MT97, UH97]. **Minimum** [LOSZ94]. **Mining** [BHW00]. **Minitrack** [Sto94]. **Modal** [LL93]. **Model** [AY93, Hen96, KC93, Pla99, RF00, Kon00, MS00b]. **Modeling** [CC02, GST95, MSCSxx, Skl02, AA04]. **Modelling** [CE96]. **Models** [LMR96, Tal01, TE93, YXZ96, AC99]. **Modified** [BFM97, MCSW97, MM95, OAE04]. **Modular** [CCY95, PS95]. **Moments** [AFT00, MS00a]. **Monitoring** [SWMC95]. **Monotone** [HE96b, HNL97b, HNL97a]. **Monotone-Schwarz** [HE96b]. **Monte** [DKKS96, ESSU03, MAD94, MST94, WMF94, ZZ04]. **morphological** [SKK04]. **Motion** [SCM00]. **MPI** [ZZ04]. **MPI-IO** [ZZ04]. **Multi** [AS01, BEW97, GTA97, YXZ96, CM03]. **Multi-Dimensional** [GTA97]. **multi-level** [CM03]. **Multi-Parameter** [BEW97]. **Multi-Scalar** [YXZ96]. **Multi-Token** [AS01]. **Multicast** [SEY97, SS94a]. **Multicommodity** [CCZ95, PZ93]. **Multicomputers** [AD94, BQOQO02, CS95, MKD97]. **Multicriteria** [DZP00]. **Multidimensional** [EB94a, QL94]. **Multigrid** [Dou96, DES97, Pap95]. **Multilayer** [ABEA97]. **Multiple** [BX94, Chu94, SP95, Sto96]. **Multiplication** [GSA94, GE93, PMJ99b, Pia03]. **multiplications** [DRT94]. **Multiprocessor** [GSA94, LC97, LPW97, HZ04]. **Multiprocessors** [AFT00, CD97, DRS95, KGB94, Pap95, SS94a, TOR93, OAE04]. **Multiselection** [She00]. **Multisplitting** [BEW97, DZE95, ME94b, PS95, WBE94a, WBE94b, XPJG96]. **Multisplittings**

[Mit96, RM95]. **Mutual** [AS99, MS96].

natural [AA04]. **Nearest** [PLZ98].

Negligible [LC97]. **negotiations** [MB04].

Neighbor [PLZ98]. **Neighboring** [AS99].

Neighbours [TJ03]. **Nested**

[DV97, EB95, LX02, MSBK01, PCJR97].

Nests [PC01]. **Net** [BE94]. **Nets**

[ADVE97, Dje01, HE96a]. **Network**

[AAD99, CCZ95, CE95b, MRS94, PL94,

Pin94, QPPJ03, SP95, SNS94, CM03].

Networks [AK95, AAD00, AGGR95, AS01,

BF94, CW95, Cha98, CC02, DbT01, ET95,

FGS96, MAGE94, PN96, QA94, TOR93,

ZP95, FGSxx, ZPBD04]. **NEUCOMP2**

[ES96]. **Neural**

[ADVE97, BE94, CE95b, ET95, HE96a,

MAGE94, PN96, SP95, TOR93]. **Newton**

[HNL97a]. **Node** [TJ03]. **Node-to-Node**

[TJ03]. **Nodes** [AS99]. **Non** [AF93, BL94b,

CD97, Fid01, LC97, PC01, PCJR97, GSZ02].

Non-Linear [CD97]. **Non-Negligible**

[LC97]. **Non-Numeric** [BL94b].

Non-Uniform [PC01, PCJR97]. **Nonlinear**

[DZE95, Dey94, HE95, HE96b, ME99, PS99,

QL94, WBE94b]. **Normalized** [GGM04].

NUMA [HNRW02, LC97]. **number**

[DS04, MS00b]. **Numeric** [BL94b].

Numerical [AK95, BQOQ02, SU03].

Numerics [VZ03].

O.D.E. [YE95a]. **Object** [BV95, TR02].

Object-Oriented [BV95, TR02]. **objects**

[HBT97]. **On-Line** [JDMW96]. **One**

[ME99]. **onto** [AF93, Tsa93]. **OOP** [AY93].

Operations [KM96, PMJ99a, PMJ99b,

PA96, Wil00, SKK04]. **Operator** [LN95].

Optical [PA96, Li04]. **Optimal**

[BFM97, BF94, CES00, Che97, CJK93,

DD00, ES93, ERA95, Guh98, HCL93, KJ95a,

KJ95b, KS97, LO95, PL94, She00, Sto96,

TK95, LTCT97, VMG03]. **Optimality**

[DV97]. **Optimising** [SS95, SS97a].

Optimization [DE95, FGS97a, HKC95,

Mit96, RM95, WH96, Ano00, CM03].

Optimizing [GSA94, HNRW02]. **Optimum**

[SS94b]. **Option** [Ger03]. **Order**

[ATG95a, ATG95b, MS00a, MSBK01, Sim94].

Ordered [LO95]. **Ordering** [BC96].

Orders [May96]. **Ordinary** [KC93, Sim94].

Oriented [BV95, TR02]. **Orthogonal**

[EY94a, MM95]. **Overlap** [Che97].

Overlapped [AD94]. **Overlapping**

[BCC95, QL94].

P.A.A. [Ano93]. **Packing** [PB95]. **Pairs**

[CS94]. **Pancake** [QA94]. **papers** [VZ03].

Parabolic [ATG95a, KR96]. **Paradigm**

[LWC96]. **Paradigms** [AL97]. **Parallel**

[AA96, Ak193, AB97, AL97, AAD00, AG96,

AGGR95, Als02, Ano94, ATG95a, ATG95b,

BV98, Bah99, BEW97, BL96, BW95, BV95,

BAT99, BB94, Bha03, BC96, Bha97, BET95,

Bog94a, BA95, BL94b, BE94, BGRD00,

Cal96, Cha96, Cha98, CE95a, CCY95,

CJK93, CPT00, Chr95, CE95b, CM03,

DHM94, DFZ94, DS95, DS00, Dat01, DE95,

DSVF95, DD00, Dey94, DLMS96, DRS95,

DKKS96, DES97, DZ96, ES93, ERA94,

ETN94, EK96, ES94, EA94, EB94a, EB94b,

EY94c, EA95, ET95, EB95, ES96, EO97,

Eva97, FGS97a, FT96, FPS94, GSA94,

GMP95, GC94, Ger03, Gol00, GA04, GP94,

GTA97, HLM94, HB97, HC02, HE96b,

Hor94, HCL93, HLN95, JDMW96, JLT94,

KR95, KR96, KCMC96, KJ95a, KJ95b,

KS97, Kip96, KC93, Kon00, KS95, LC97].

Parallel

[Lan96, LL93, LE95, LMR96, Li97, LQ96,

LWC96, MCMN95, MSCSxx, MS00a, ME94b,

MPS96, May96, MT95, Mit96, ME99,

MST94, MCSW97, MM94, MM95, ND94,

Nik96, OBHS00, OA94, OAE04, PB00, PB95,

Pap94, PAZN96, PZ93, PS99, Pin02, Qsn95a,

Qsn95b, RTDL94, Rao94, RDK00, RM95,

SAOKM01, Sch95, SE96, Sim94, SS94b, SS95,

SS97a, SJL⁺94, Spe94, Sto94, Stp03, SM01,

SNS94, SWMC95, SWC99, Tal01, TR02,

TE93, TRFM95, VZ03, WBE94a, WBE94b, WL01, WH96, YE95a, YL99, YE95b, ZZ04, AGLP01, Ano00, BHW00, CE97, DS04, ESSU03, FM98, GSZ02, GSBM97, Kon95, Li04, MS00b, Pia03, PZ03, Pur03, SSL04, SU03, SAW02, SKK04, TFT02, Ten96]. **Parallelisation** [LX02]. **Parallelising** [SS97b]. **Parallelism** [ADVE97, AR94, Bog94b, DV97, DMSD95, Bha97]. **Parallelization** [BEK97, CCZ95, PC01, FCF03]. **Parameter** [BEW97, KR96, Suk96]. **Parlett** [BEK97]. **Parsing** [BBE95]. **Partial** [BGRD00, MCSW97]. **Particle** [CJP04, WMF94, ZZ04]. **Partition** [GI96]. **partitioned** [HBT97]. **Partitioning** [Dat01, DLMS96, DZ96, ES94, OBHS00, PCJR97, Ran98, SCM00, SSBK99, Thu93, Thu97, LTCT97]. **Parts** [WH96]. **Passing** [Baz96, DRS95, TOR93, Pap95, QPPJ03]. **Path** [CS94, LOSZ94]. **Pattern** [DFZ94, SM01]. **PC*** [OA95]. **PDE** [AA96, HNRW02, KCMC96, MPS96, YXZ96]. **Software** [Skl02]. **Perceptron** [ABEA97]. **Perfect** [OA95]. **Performance** [CC02, FW95, HC02, HNRW02, KR97, KMBK96, LCFL04, LPW97, PAZN96, SP95, SNS94, QPPJ03]. **Permutation** [KS97]. **Perpendicular** [Bog94a]. **Perturbation** [KR97, Suk96]. **Perturbed** [Dey94, KR95]. **Petri** [Dje01]. **Phases** [DD00]. **Physical** [WH96, Bha97]. **PIE** [EA94]. **Pipeline** [AGGR95]. **Pipelined** [PLZ98, BT03, Li04]. **Places** [Dje01]. **Planar** [CLZ96, DK96, Gol00]. **Plane** [OA94]. **Planes** [Pla99]. **Platform** [TRFM95]. **Point** [HLM94, HNL97b, LN95, SSL04]. **Points** [Nak96, OAE04]. **Polygons** [Guh98, HCL93]. **Polyhedral** [Wil00]. **Polynomial** [GR94, HLN95, Kip96, Stp03]. **Polytope** [Pla99, RF00]. **Portable** [CJP04]. **Porting** [CC02]. **Positive** [CE95a, EO97]. **Potential** [Bog94b]. **power** [AC99]. **PPTran** [KMBK96]. **Practical** [FGS97b]. **PRAM** [AC99, BX94, GI96, Kon00]. **Preconditioned** [EW97, GGM04, XPJG94, XPJG96, YL99]. **Preconditioner** [GR94]. **Preconditioning** [CS93, Pin02]. **Prediction** [HC02, PAZN96, SJL⁺94]. **Prefix** [ES93]. **Preprocessing** [HCL93]. **Price** [Ger03]. **Probabilistic** [Rao96]. **Problem** [AGGR95, ABC⁺99, Als02, CS94, DLMS96, GI96, Lau02, Li97, LY02, LM98, MB95, OA94, OA95, CM03, LTCT97, Pia03, Ten96, Meg93]. **Problems** [BEW97, CCZ95, Dou96, DES97, DZP00, ES96, GMP95, Guh98, HLM94, KR95, KR97, LE95, LWC96, ME99, PZ93, Sto96, Suk96, YL99, MS00b]. **Processing** [AG96, AE97, Chr95, Bha97]. **Processor** [AK95, AKT⁺97, CES00, Cel93, CLL95, ERA95, GE94, Lau02, ME97, OV03, SKK04]. **Processor-Time-Optimal** [CES00]. **Processors** [ERA94, LM98, Pap94, Tsa93, DS04]. **Product** [AAD00, HLN95]. **Program** [FW95, LC97, SP95, Zho94]. **Programming** [EB95, HLM94, KS95, LCFL04, Tal01, TRFM95, AGLP01]. **Programs** [FGS97a, HC02, JDMW96, SCG00]. **Properties** [GE96, MKD97]. **Property** [EG97]. **Protocol** [AS99]. **Prototyping** [WH96]. **Proximity** [Guh98]. **Pseudospectral** [BGRD00]. **Pvm** [SE95]. **QR** [CE97, EA95, Kon95]. **Quadrant** [Rao94]. **Quadratic** [Kha01]. **quasi** [ESSU03]. **quasi-Monte** [ESSU03]. **Quasilinear** [GMP95]. **Queueing** [CE96, GST95]. **QZ** [CE97, EY94b, EY94a, EA95]. **Random** [DE95, FT96]. **Randomized** [DD00, Li97]. **Range** [Dat01]. **Ranking** [DD00]. **RAP** [Hor94]. **RCC** [VMG03]. **Real** [BFM97, EY94b, MS00a, Pin02, RTDL94]. **Real-Time** [BFM97, MS00a]. **Recognition**

[DFZ94, ES96]. **Reconfigurable** [BL94a, JS93, KM96, MS96, MB95, Nak96, OSS⁺93, PLZ98, PA96, Td96, BT03, Li04]. **reconfiguration** [ZPBD04]. **Reconstruction** [BC96, Bha97, PZ03]. **Recurrence** [AF93, Fid01, FML95, Meg93]. **Recurrence-Free** [FML95]. **Recursive** [ES94, Eva97]. **Recycling** [FT96]. **Reduced** [EJ94]. **Reduction** [EY94c]. **Reductions** [MM94, Pla99]. **Regular** [AF93, CT96, CC02, Pla00, SCM00, TTS00, TJ03]. **Regularizing** [MM04]. **Related** [Sto96]. **Relaxation** [WBE94a, WBE94b]. **Relaxed** [BEW97, DZE95]. **Reliable** [CS95]. **Representations** [Che97]. **Resource** [LMR96, PF01, AA04]. **Restarting** [SWC99]. **Restoration** [BET95, ZP95]. **Restricted** [KRT98]. **Rigorous** [DMSD95]. **Ring** [Lau02]. **rings** [BV99a]. **Romberg** [EB94a]. **Routing** [Sto93]. **Row** [CCZ95]. **Row-Action** [CCZ95]. **Runge** [YE95a]. **runtime** [HBT97].

s [HNL97b]. **Salesman** [Li97]. **Scalability** [SAW02]. **scalable** [Li04]. **Scalar** [YXZ96]. **Scale** [Dey94, HLM94, HE95, QL94]. **Scans** [RF00]. **Scheduled** [TE93]. **Schedules** [TK95]. **Scheduling** [AG96, BA95, ERA94, ERA95, LC97, LPW97, May96, TFT02]. **Scheme** [BE96]. **Schemes** [OBHS00, Pin94]. **Schmidt** [MM95, OBHS00]. **Schur** [Qsn95a, Qsn95b, Sch95]. **Schwarz** [GSBM97, HE96b]. **Search** [DS95, DS00, DE95, NB99, SSBK99]. **Searching** [BX94, Dat01]. **Second** [ATG95b, Sim94]. **Second-Order** [ATG95b]. **Segmented** [Chu94]. **Segments** [HCL93]. **Selected** [VZ03]. **Selection** [OSS⁺93, QA94, RS96]. **selections** [MS00b]. **Self** [AS97, AS99, AS01, CS94, DbT01, HNRW02, MS96, PAZN96]. **Self-Optimizing** [HNRW02]. **Self-Stabilizing** [AS97, AS99, AS01, CS94, DbT01].

September [VZ03]. **Sequences** [LM98, Kon00]. **Serial** [DES97, SSL04]. **Service** [AG96]. **Set** [GI96, LTCT97]. **Sets** [DLMS96, PB95]. **Shared** [MS96, SE95, TR02, HZ04, MT97, OAE04]. **Shared-Memory** [TR02, HZ04]. **Sheet** [DES97]. **Shortest** [CS94]. **Sided** [MM94]. **Sieve** [LQ96]. **SIMD** [BL94b, ETN94, FM98, HLM94, KC93]. **Simple** [Guh98, OSS⁺93]. **Simulated** [BC96, DLMS96, MKD97]. **Simulation** [BAT99, Cal96, Dje01, ES96, GST95, HNL97b, WMF94, ZZ04, FM98]. **Simulations** [MS96, MST94]. **Simulator** [BE94]. **Single** [Pin97, SP95]. **Singular** [Bah99, KR97, Suk96]. **Singularly** [KR95]. **Size** [PS95]. **Skeletal** [HC02]. **skeleton** [AGLP01]. **Skeletons** [MSBK01]. **Small** [KR96, Pia03]. **Smallest** [CJK93]. **Software** [CJP04]. **Solution** [AA96, BE96, BQOQO02, BGRD00, CD97, DES97, EA94, EB94b, Eva97, KGB94, LWC96, ME94a, MM94, MM95, Rao94, Sch95, YE95a, EO97, EA97]. **Solver** [Qsn95a, Qsn95b, OV03]. **Solvers** [BB94, Gol00, HNRW02, PMJ99b, AAL04]. **Solving** [ABC⁺99, EY94c, HLM94, KR95, KCMC96, KC93, Li97, MT95, YL99, Kon00]. **some** [AC99]. **Sort** [AB94, TR02]. **Sort-Hash** [TR02]. **Sorted** [Nak96]. **Sorting** [CS95, Che97, Chu94, DbT01, DZP00, FGS97b, QA94, RS96]. **Source** [KMBK96]. **Spaces** [PCJR97]. **Sparse** [BEW97, PMJ99a, PMJ99b, Pin02, YL99]. **Spatial** [MSCSxx]. **Special** [GI96, GA04, Lan96, Sim94, SS97a, SS95, Sto94]. **Specific** [LM98]. **SPECT** [PZ03]. **Spectral** [BFM97, FPS94]. **Speed** [MCMN95, MST94, Pur03]. **Speed-Up** [MCMN95, Pur03]. **Speedup** [Cel93]. **Splitting** [LN95]. **SPMD** [SP95]. **Squares** [YL99]. **Stabilizing** [AS97, AS99, AS01, CS94, DbT01]. **Stable** [BQOQO02, GTA97]. **Star** [QA94]. **State**

[HB97, TTS00]. **Static** [HC02, LPW97]. **stationary** [BD95]. **Statistical** [MS00a]. **statistics** [Ano00]. **Stochastic** [NB99]. **Strassen** [FML95]. **Strategies** [AA96, CCZ95, Thu97, Kon95]. **Strategy** [BL96, BB94]. **stream** [GSBM97]. **Stride** [EY94c]. **Striding** [Eva97]. **string** [ME97]. **Structure** [PB00]. **Structured** [AS99, PL94, Ran98, Tsa93]. **Structures** [MW00]. **Study** [AA96, BC96, DRS95, PZ93, AAL04, Bha97]. **Sturm** [FPS94]. **Style** [SCG00]. **Subdefinite** [Kha01]. **Subdomains** [QL94]. **Subsequence** [LY02, LM98]. **Substitution** [AAD00]. **Supercomputers** [BAT99]. **Superunitary** [AL97]. **Support** [AG96, LCFL04]. **Surface** [JLT94]. **SVD** [BV99a, BV99b, OV03]. **Sylvester** [Qsn95a, Qsn95b]. **Symmetric** [CE95a, HE95, Kha01, LE95, RTDL94, BV98, EO97, GSZ02]. **Synchronous** [Cal96, CE97]. **Synergy** [Akl93]. **Synthesis** [MS00a]. **System** [AG96, AS99, BV95, BB94, CE95b, DZE95, DZ96, LPW97, ME94a, PMJ99b, PLZ98, RDK00, BT03, HBT97, SSL04]. **Systematic** [MS00a]. **Systems** [AFT00, Bah99, BE96, Baz96, BV99b, CE96, CE95a, CD97, EC94, EA94, EB94b, EY94c, EC95, Eva97, HE95, KC93, LC97, MT95, PS99, QL94, Rao94, Sch95, SS97b, Skl02, TE93, AA04, BV99a, EO97, GSZ02, SU03]. **Systolic** [AE97, AKT⁺97, BFM97, CES00, EC94, EW97, EG97, EA97, GE94, HE96a, KM96, LY02, ME95, ME94a, MAD94, WE93, LTCT97, OV03].

TAGE [Suk96]. **Task** [ERA94, LPW97]. **Tasks** [LC97]. **taxation** [BHW00]. **technique** [ESSU03]. **Techniques** [BET95, ME95, PC01, SWC99]. **Terminating** [Baz96]. **Termination** [ABC⁺99]. **test** [Sog97]. **Testing** [HCL93]. **Texture** [DOS97]. **th** [LQ96]. **Their** [SWC99, YE95b]. **Theory** [GST95]. **Three** [EY94c, LM98]. **Time** [AF93, AKT⁺97, BCC95, BFM97, BF94, CES00, DMSD95, FGS97a, MS00a, MB95, PCJR97, Sto96, DS04]. **Time-Optimal** [BF94, Sto96]. **Timespace** [CT96].

Toeplitz [BV98, EC94, EO97, EA97, GSZ02]. **Token** [AS01, Td96]. **Tolerant** [SEY97, BT03]. **Tools** [MM04]. **Topologies** [TJ03]. **Topology** [PN96]. **Torus** [KM96]. **Track** [SJM⁺94]. **Tracking** [CJP04]. **Traffic** [SEY97]. **Traffic-Balancing** [SEY97]. **Training** [CE95b]. **Transfer** [LWC96]. **Transformation** [RTDL94, AGLP01]. **Transformations** [GE94]. **transforms** [FCF03]. **Transients** [AFT00]. **Translator** [KMBK96]. **Transport** [AR94, ZZ04]. **Transpose** [Pin94]. **Transpose-Free** [Pin94]. **Transputer** [AE97, Pin94, SNS94, ZP95]. **Trapezoid** [Als02]. **Traveling** [Li97]. **Tree** [AS97, AS99, AS01, DbT01, PL94, Tsa93, Ger03]. **Tree-Structured** [Tsa93]. **Trees** [HSO96, LO95, SWT98]. **Trends** [Tal01]. **Triangle** [CJK93]. **Triangular** [BEK97, PMJ99b, Qsn95b]. **Triangulation** [JLT94]. **Tridiagonal** [EY94c, Eva97, GR94, Sch95, GSZ02]. **Tridiagonalizing** [RTDL94]. **Trinomial** [Ger03]. **Trinomial-tree** [Ger03]. **Two** [Dou96, ERA95, MM94, Suk96]. **Two-Processor** [ERA95]. **Two-Sided** [MM94]. **Type** [Pin94].

Uncertain [BBE95]. **Understanding** [ENSS93]. **Undirected** [ND94]. **Unified** [AAD00]. **Uniform** [AF93, AKT⁺97, Fid01, PC01, PCJR97, TK95, Meg93]. **unit** [SSL04]. **Universal** [EB95]. **Unrolling** [ERA95]. **Unstructured** [Pin97, MB04]. **Updated** [KC93]. **Updating** [BET95, Kon95]. **Use** [YXZ96]. **Using** [AY93, Bha03, ES96, FW95, GST95, Kha01,

Li97, MAD94, MB95, MCSW97, MM94, Nik96, PA96, Pin02, Pla99, RTDL94, Rao96, SJL⁺94, ZP95, DS04, ESSU03, GSZ02, HLM94, MS00b]. **Utilization** [PF01]. **Utilizing** [AG96].

Valuations [Ger03]. **Value** [KR95]. **Variable** [BW95]. **Variant** [FML95]. **Vector** [BAT99, GE93, MST94, BD95]. **Vectorizable** [XPJG94]. **vectors** [Sog97]. **version** [Sog97]. **Versus** [BL94b]. **vertex** [YM04]. **Vertices** [Bha03]. **Via** [BC96]. **Virtual** [SE95]. **Visibility** [Guh98, HCL93]. **Vision** [Cel93]. **VLSI** [GE94, ME97, PS95]. **vorticity** [GSBM97].

Warp [BCC95]. **Wavefront** [SS94b]. **wavelet** [FCF03]. **Weak** [HCL93]. **Weight** [OA95]. **Weighted** [OA95]. **Weights** [PN96]. **Window** [BCC95]. **Within** [BB94]. **Workload** [Ran98]. **Workshop** [VZ03]. **Workstation** [CC02]. **Workstations** [CW95, FW95, AAL04]. **WZ** [BL94a].

X [SWT98]. **X-Trees** [SWT98].

References

[AA96] Abdul Rahman Abdullah and Norhashidah Hj. Mohd. Ali. A comparative study of parallel strategies for the solution of elliptic PDE's. *Parallel Algorithms and Applications*, 10(1-2):93-103, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220900>.

[AA04] Abdel-Elah Al-Ayyoub. Cost-

effective modeling for natural resource distribution systems. *Parallel Algorithms and Applications*, 19(4):257-265, ??? 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592660>.

Al-Ayyoub:1999:EAH

[AAD99]

Abdel-Elah Al-Ayyoub and Khaled Day. Efficient algorithms on the hyperstar network. *Parallel Algorithms and Applications*, 14(1):79-88, ??? 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777980766>.

Al-Ayyoub:2000:UPA

[AAD00]

Abdel-Elah Al-Ayyoub and Khaled Day. Unified parallel algorithms for Gaussian elimination with backward substitution on product networks. *Parallel Algorithms and Applications*, 14(4):253-269, April 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778714133>.

Ali:2004:CSE

[AAL04]

Norhashidah Hj. Mohd. Ali, Rosni Abdullah, and Kok Jun Lee. A comparative study of explicit group iterative solvers on a cluster of workstations. *Parallel Algorithms and Applications*, 19(4):237-255, ??? 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://>

- www.informaworld.com/smpp/content~content=a714592659.
Ayoubi:1994:BSC
- [AB94] R. A. Ayoubi and M. A. Bayoumi. Bitonic sort on the connection machine. *Parallel Algorithms and Applications*, 3(1-2):151-161, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202349>.
Akl:1997:CMC
- [AB97] Selim G. Akl and Binay K. Bhattacharya. Computing maximum cliques of circular arcs in parallel. *Parallel Algorithms and Applications*, 12(4):305-320, April 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776016229>.
Aloisio:1999:ASD
- [ABC⁺99] G. Aloisio, P. Beraldi, M. Cafaro, F. Guerriero, and R. Muzio. An algorithm for solving the distributed termination detection problem. *Parallel Algorithms and Applications*, 14(2):149-164, 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777957924>.
Ayoubi:1997:EMA
- [ABEA97] R. Ayoubi, M. Bayoumi, A. Elchouemi, and B. Alhalabi. An efficient mapping algorithm of multilayer perceptron on mesh-connected architectures. *Parallel Algorithms and Applications*, 11(3-4):273-285, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742294>.
Akl:1999:PSP
- [AC99] Selim G. Akl and Lin Chen. On the power of some PRAM models. *Parallel Algorithms and Applications*, 13(4):307-319, 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776633632>.
Aykanat:1994:EOF
- [AD94] Cevdet Aykanat and Argun Dervi. Efficient overlapped FFT algorithms for hypercube-connected multicomputers. *Parallel Algorithms and Applications*, 4(1-2):91-110, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745102>.
Al-Dabass:1997:PNN
- [ADVE97] D. Al-Dabass, P. Vindlacheruvu, and D. J. Evans. Parallelism in neural nets. *Parallel Algorithms and Applications*, 11(3-4):169-185, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742289>.
Amin:1997:TIL
- [AE97] S. A. Amin and D. J. Evans. Transputer implementation for

- low-level image processing systolic array designs. *Parallel Algorithms and Applications*, 10(3-4):283-299, ????. 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398800>.
- [AF93] Vassil Aleksandrov and Stefka Fidanova. On the expected execution time for a class of non uniform recurrence equations mapped onto 1D regular arrays. *Parallel Algorithms and Applications*, 1(4):303-314, ????. 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397701>.
- [AFT00] G. Ala, E. Francomano, and A. Tortorici. The method of moments for electromagnetic transients in grounding systems on distributed memory multiprocessors. *Parallel Algorithms and Applications*, 14(3):213-233, ????. 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778235468>.
- [AG96] Gita Alaghband and Melodi Mosley Gates. Utilizing parallel processing: a decision support system for service delivery scheduling. *Parallel Algorithms and Applications*, 10(1-2):1-20, ????. 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220892>.
- [AGGR95] Francisco Almeida, Felix García, Daniel Gonzalez, and Casiano Rodríguez. A parallel algorithm for the integer knapsack problem for pipeline networks. *Parallel Algorithms and Applications*, 6(2-3):87-91, ????. 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398619>.
- [AGLP01] M. Aldinucci, S. Gorlatch, C. Lengauer, and S. Pelagatti. Towards parallel programming by transformation: the FAN skeleton framework. *Parallel Algorithms and Applications*, 16(2-3):87-121, ????. 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777319791>.
- [AK95] Jörg-Udo Aden and Norbert Köckler. Boundary-conforming numerical grid generation on processor networks. *Parallel Algorithms and Applications*, 5(3-4):251-268, ????. 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400095>.
- [Akl93] Selim G. Akl. Parallel synergy. *Parallel Algorithms and*

- Applications*, 1(1):3–9, ????. 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772399753>.
- [AKT⁺97] T. Andronikos, N. Koziris, Z. Tsiatsoulis, G. Papakonstantinou, and P. Tsanakas. Lower time and processor bounds for efficient mapping of uniform dependence algorithms into systolic arrays. *Parallel Algorithms and Applications*, 10(3–4):177–193, ????. 1997. CODEN PAAPEC. ISSN 1063-7192. URL [http://www.informaworld.com/smpp/content~content=a772398782](http://www.dsclab.ece.ntua.gr/~nkoziris/papers/jpaa-97-abstract.html).
- [AL97] S. G. Akl and L. Fava Lindon. Paradigms admitting superunitary behaviour in parallel computation. *Parallel Algorithms and Applications*, 11(1–2):129–153, May 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742766>.
- [Als02] Muhammad H. Alsuwaiyel. An improved parallel algorithm for a geometric matching problem with application to trapezoid graphs. *Parallel Algorithms and Applications*, 17(2):147–155, ????. 2002. CODEN PAAPEC.
- [Ano93] **Andronikos:1997:LTP** ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777924085>.
- [Ano94] **Anonymous:1993:PCD** Anonymous. P.A.A. Conference diary. *Parallel Algorithms and Applications*, 1(3):253, ????. 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398096>.
- [Ano94] **Anonymous:1994:PAA** Anonymous. Parallel algorithms and applications. *Parallel Algorithms and Applications*, 3(1–2):163–164, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202350>.
- [Ano00] **Akl:1997:PAS** Anonymous. Interface of parallel computing and statistics, economics, finance and optimization. *Parallel Algorithms and Applications*, 15(1–2):1–2, 2000. CODEN PAAPEC. ISSN 1063-7192.
- [Ano01] **Anonymous:2000:IPC** Anonymous. Editorial. *Parallel Algorithms and Applications*, 16(2–3):83–85, ????. 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777319790>.
- [AR94] **Altekar:1994:EPT** S. D. Altekar and A. K. Ray. Exploiting parallelism in a S_n

- transport algorithm: An angular approach. *Parallel Algorithms and Applications*, 4(3-4):317-328, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314740>.
Antonoiu:1997:SSD
- [AS97] Gheorghe Antonoiu and Pradip K. Srimani. A self-stabilizing distributed algorithm to find the center of a tree graph. *Parallel Algorithms and Applications*, 10(3-4):237-248, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398797>.
Antonoiu:1999:SSP
- [AS99] Gheorghe Antonoiu and Pradip K. Srimani. Self-stabilizing protocol for mutual exclusion among neighboring nodes in a tree structured distributed system. *Parallel Algorithms and Applications*, 14(1):1-18, 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777980762>.
Antonoiu:2001:SSD
- [AS01] Gheorghe Antonoiu and Pradip K. Srimani. Self-stabilizing depth-first multi-token circulation in tree networks. *Parallel Algorithms and Applications*, 16(1):17-35, 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777308745>.
Arigu:1995:PAF
- [ATG95a] M. A. Arigu, E. H. Twizell, and A. B. Gumel. Parallel algorithms for fourth-order parabolic equations. *Parallel Algorithms and Applications*, 6(4):273-286, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772403914>.
Arigu:1995:PAS
- [ATG95b] M. A. Arigu, E. H. Twizell, and A. B. Gumel. Parallel algorithms for second-order hyperbolic equations. *Parallel Algorithms and Applications*, 5(1-2):119-128, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743845>.
Adeli:1993:COM
- [AY93] H. Adeli and G. Yu. A concurrent OOP model for computer-aided engineering using blackboard architecture. *Parallel Algorithms and Applications*, 1(4):315-337, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397702>.
Bozyigit:1995:PSA
- [BA95] Muslim Bozyigit and Amin A. Abdulghani. A parallel scheduling algorithm for parallel applications. *Parallel Algorithms and Applications*, 6(4):303-316,

- ???? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772403916>.
- Bahi:1999:PCA**
- [Bah99] J. Bahi. Parallel chaotic algorithms for singular linear systems. *Parallel Algorithms and Applications*, 14(1):19–35, ??? 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777980763>.
- Bataineh:1999:PVI**
- [BAT99] Abdulla Bataineh, Mike Aamodt, and Kevin Thomas. A parallel and vector implementation of circuit simulation on Cray supercomputers. *Parallel Algorithms and Applications*, 14(2):109–118, March 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777957922>.
- Baz:1996:MTA**
- [Baz96] Didier El Baz. A method of terminating asynchronous iterative algorithms on message passing systems. *Parallel Algorithms and Applications*, 9(1–2):153–158, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744477>.
- Berzigyarov:1994:LDP**
- [BB94] Parvaz K. Berzigyarov and Yuri P. Boglaev. Logic derivation of parallel linear equation system solvers within elimination strategy. *Parallel Algorithms and Applications*, 4(1–2):21–40, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745097>.
- Barsan:1995:PUC**
- [BBE95] L. Barsan, C. Barsan, and D. J. Evans. Parsing uncertain context-free languages by genetic algorithms. *Parallel Algorithms and Applications*, 7(3–4):209–228, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402407>.
- Bhandarkar:1996:SMP**
- [BC96] Suchendra M. Bhandarkar and Sridhar Chirravuri. A study of massively parallel simulated annealing algorithms for chromosome reconstruction via clone ordering. *Parallel Algorithms and Applications*, 9(1–2):67–89, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744468>.
- Baldwin:1995:OWA**
- [BCC95] Reid Baldwin, Moon Jung Chung, and Yunmo Chung. Overlapping window algorithm for computing GVT in time warp. *Parallel Algorithms and Applications*, 6(2–3):93–110, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398620>.

- [BD95] **Benzi:1995:AMM**
 Michele Benzi and Tuğrul Dayar. The arithmetic mean method for finding the stationary vector of Markov chains. *Parallel Algorithms and Applications*, 6(1):25–37, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397972>.
- [BE94] **Buhusi:1994:BKN**
 C. V. Buhusi and D. J. Evans. On building a Kohonen neural net parallel simulator. *Parallel Algorithms and Applications*, 2(3):229–244, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401610>.
- [BE96] **Barulli:1996:IGJ**
 M. Barulli and D. J. Evans. Implicit Gauss–Jordan scheme for the solution of linear systems. *Parallel Algorithms and Applications*, 10(1–2):145–159, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220904>.
- [BEK97] **Bakkaloglu:1997:PPA**
 B. Bakkaloglu, K. Erciyeş, and Ç. K. Koç. A parallelization of Parlett’s algorithm for functions of triangular matrices. *Parallel Algorithms and Applications*, 11(1–2):61–69, May 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742762>.
- [BET95] **Blaznik:1995:PUT**
 P. Blaznik, D. J. Evans, and J. Tasič. Parallel updating techniques in image restoration. *Parallel Algorithms and Applications*, 7(3–4):237–253, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402449>.
- [BEW97] **Bai:1997:CMP**
 Zhong-Zhi Bai, D. J. Evans, and De-Ren Wang. A class of multi-parameter relaxed parallel multisplitting methods for large sparse complementarity problems. *Parallel Algorithms and Applications*, 11(1–2):113–127, May 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742765>.
- [BF94] **Berthome:1994:TOG**
 Pascal Berthomé and Afonso Ferreira. Time-optimal geometric algorithms in hypercubic networks. *Parallel Algorithms and Applications*, 4(3–4):169–181, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314729>.
- [BFM97] **Bellis:1997:OSA**
 Stephen J. Bellis, Peter J. Fish, and William P. Marnane. Optimal systolic arrays for real-time implementation of the mod-

- ified covariance spectral estimator. *Parallel Algorithms and Applications*, 11(1-2):71-96, May 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742763>.
- [BGRD00] F. O. Bunnin, Y. (Yi Ke) Guo, Y. (Yuhe) Ren, and J. Darlington. Parallel pseudospectral solution of financial partial differential equations. *Parallel Algorithms and Applications*, 15(1-2):3-13, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776636254>. Interface of parallel computing and statistics, economics, finance and optimization.
- [Bha97] Suchendra M. Bhandarkar. Parallel processing for chromosome reconstruction from physical maps — a case study of MIMD parallelism on the hypercube. *Parallel Algorithms and Applications*, 12(4):231-252, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776016214>.
- [Bha03] Neelam Bhalla. Parallel algorithms for colouring vertices of graph using bit manipulation. *Parallel Algorithms and Applications*, 18(4):197-208, December 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646633>.
- [BHW00] Sergey Bakin, Markus Hegland, and Graham Williams. Mining taxation data with parallel BMARS. *Parallel Algorithms and Applications*, 15(1-2):37-55, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776636256>. Interface of parallel computing and statistics, economics, finance and optimization.
- [BL94a] A. Benaini and D. Laiymani. Generalized WZ factorization on a reconfigurable machine. *Parallel Algorithms and Applications*, 3(3-4):261-269, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167061>.
- [BL94b] Clay P. Breshears and Michael A. Langston. MIMD versus SIMD computation: Experience with non-numeric parallel algorithms. *Parallel Algorithms and Applications*, 2(1-2):123-138, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745446>. See also the authors' paper in Proceeding of the Twenty-Sixth Hawaii International Conference on System Sciences (IEEE

Catalog Number 93TH0501-7), IEEE, p. xvi + 895 + xiv + 691 + xii + 654 + xv + 889, pp. 298–307, vol. 2 (1993).

- [BL96] Zhang Bao-Lin. Localization strategy for parallel computing. *Parallel Algorithms and Applications*, 9(3–4):185–193, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707977>.
Bao-Lin:1996:LSP [Bro97]
- [Bog94a] Yuri P. Boglaev. On the parallel and perpendicular computations. *Parallel Algorithms and Applications*, 3(1–2):89–107, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202305>.
Boglaev:1994:PPC [BT03]
- [Bog94b] Yuri R. Boglaev. Entropy of algorithms and potential parallelism. *Parallel Algorithms and Applications*, 3(1–2):109–133, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202306>.
Boglaev:1994:EAP
- [BQOQO02] Peter Benner, Enrique S. Quintana-Ortí, and Gregorio Quintana-Ortí. Numerical solution of discrete stable linear matrix equations on multi-computers. *Parallel Algorithms and Applications*, 17(2):127–146, 2002. CODEN PAAPEC.
Benner:2002:NSD
- ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777924084>.
Broggi:1997:GCL
- Alberto Broggi. Global communications on a linear array architecture. *Parallel Algorithms and Applications*, 11(1–2):27–43, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742760>.
Bourgeois:2003:FTA
- Anu G. Bourgeois and Jerry L. Trahan. Fault tolerant algorithms for a linear array with a reconfigurable pipelined bus system. *Parallel Algorithms and Applications*, 18(3):139–153, September 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713812563>.
Bassiliades:1995:CCP
- [BV95] N. Bassiliades and I. Vlahavas. Constraint checking in a parallel object-oriented database system. *Parallel Algorithms and Applications*, 5(1–2):129–147, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.csd.auth.gr/~plk/publications/PAA-5.html>; <http://www.informaworld.com/smpp/content~content=a772743846>.
Bassiliades:1995:CCP
- [BV98] J. M. Badía and A. M. Vidal. Parallel algorithms to compute
Badia:1998:PAC

- the eigenvalues and eigenvectors of symmetric Toeplitz matrices. *Parallel Algorithms and Applications*, 13(1):75–93, January 1998. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776647677>.
- [BX94] **Becka:1999:BJSa**
Martin Bečka and Marián Vajteršic. Block-Jacobi SVD algorithms for distributed memory systems. I. Hypercubes and rings. *Parallel Algorithms and Applications*, 13(3):265–287, ??? 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778232863>.
- [BV99a] **Becka:1999:BJSb**
Martin Bečka and Marián Vajteršic. Block-Jacobi SVD algorithms for distributed memory systems II: Meshes. *Parallel Algorithms and Applications*, 14(1):37–56, ??? 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777980764>.
- [BV99b] **Baolin:1995:AMV**
Zhang Baolin and Li Wenzhi. Age method with variable coefficients for parallel computing. *Parallel Algorithms and Applications*, 5(3–4):219–228, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400092>.
- [Cal96] **Brown:1994:EPM**
Theodore Brown and Renbing Xiong. An EREW-PRAM multiple searching and merging algorithm. *Parallel Algorithms and Applications*, 3(1–2):83–88, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202304>.
- [Cal96] **Calinescu:1996:BSP**
Radu Calinescu. Bulk synchronous parallel algorithms for conservative discrete event simulation. *Parallel Algorithms and Applications*, 9(1–2):15–38, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744466>.
- [CC02] **Clematis:2002:PRA**
Andrea Clematis and Angelo Corana. Porting regular applications on heterogeneous workstation networks: Performance analysis and modeling. *Parallel Algorithms and Applications*, 17(3):205–226, ??? 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713601711>.
- [CCY95] **Chen:1995:PCM**
Yuh-Jiun Chen, Chin-Chen Chang, and Wei-Pang Yang. Parallel computation of the modular cascade exponentiation. *Parallel Algorithms and Applications*, 7(1–2):29–42, ??? 1995. CODEN PAAPEC.

- ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743289>.
- Censor:1995:PSR**
- [CCZ95] Yair Censor, Emmanuel D. Chajakis, and Stavros A. Zenios. Parallelization strategies of a row-action method for multi-commodity network flow problems. *Parallel Algorithms and Applications*, 6(2-3):179-205, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398625>.
- Criado:1997:AIM**
- [CD97] F. Criado and T. D. Davitashvili. On asynchronous iterative methods for the solution of non-linear equations and systems of equations for multi-processors. *Parallel Algorithms and Applications*, 12(4):253-263, April 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776016225>.
- Chawla:1995:PSE**
- [CE95a] M. M. Chawla and D. J. Evans. Parallel symmetric elimination for positive definite linear systems. *Parallel Algorithms and Applications*, 6(1):67-78, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397976>.
- Condurache:1995:IBC**
- [CE95b] Catalin Condurache and David J. Evans. Implementation of a backpropagation-cauchy neural network training method on a parallel computer system. *Parallel Algorithms and Applications*, 5(1-2):69-77, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743842>.
- Calinescu:1996:QMA**
- [CE96] A. Calinescu and David J. Evans. A queueing modelling approach to clustered heterogeneous discrete event dynamic systems. *Parallel Algorithms and Applications*, 8(2):115-139, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314435>.
- Calinescu:1997:BSP**
- [CE97] Radu Calinescu and David J. Evans. Bulk-synchronous parallel algorithms for QR and QZ matrix factorisation. *Parallel Algorithms and Applications*, 11(1-2):97-112, May 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742764>.
- Celenk:1993:SAH**
- [Cel93] Mehmet Celenk. Speedup analysis of hypercube array processor for machine vision applications. *Parallel Algorithms and Applications*, 1(3):221-242, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398094>.

- Cappello:2000:PTO**
- [CES00] Peter Cappello, Ömer Egecioglu, and Chris Scheiman. Processor-time-optimal systolic arrays. *Parallel Algorithms and Applications*, 15(3-4):167-199, ??? 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776716067>.
- Calamoneri:2002:MCC**
- [CFMP02] Tiziana Calamoneri, Irene Finocchi, Yannis Manoussakis, and Rossella Petreschi. On max cut in cubic graphs. *Parallel Algorithms and Applications*, 17(3):165-183, ??? 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713601712>.
- Chaudhuri:1996:FCM**
- [Cha96] Pranay Chaudhuri. Finding centers and medians of graphs in parallel. *Parallel Algorithms and Applications*, 9(1-2):111-118, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744471>.
- Chaudhuri:1998:PIA**
- [Cha98] Pranay Chaudhuri. Parallel incremental algorithms for analyzing activity networks. *Parallel Algorithms and Applications*, 13(2):153-165, February 1998. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776661631>.
- Chen:1997:OBS**
- [Che97] Lin Chen. Optimal bucket sorting and overlap representations. *Parallel Algorithms and Applications*, 10(3-4):249-269, ??? 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398798>.
- Christie:1995:CCC**
- [Chr95] Ruth Christie. The computational cost of clipping in parallel image processing. *Parallel Algorithms and Applications*, 5(1-2):149-160, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743847>.
- Chung:1994:SMC**
- [Chu94] Kuo-Liang L. Chung. Sorting on mesh-connected computers with segmented multiple buses. *Parallel Algorithms and Applications*, 4(1-2):71-75, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745100>.
- Choi:1993:OPA**
- [CJK93] Jung-Ju Choi, Chang-Sung Jeong, and Myung-Soo Kim. An optimal parallel algorithm for finding the smallest enclosing triangle on a mesh-connected computer. *Parallel Algorithms and Applications*, 1(2):115-126, ??? 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745100>.

- www.informaworld.com/smpp/content~content=a772401501.
- Cheng:2004:PSA**
- [CJP04] Jing-Ru C. Cheng, Mark T. Jones, and Paul E. Plassmann. A portable software architecture for mesh-independent particle tracking algorithms. *Parallel Algorithms and Applications*, 19(2–3):145–161, 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592652>.
- Chung:1995:GMD**
- [CLL95] Kuo-Liang Chung, R. C. T. Lee, and Yu-Chih Lin. A generalized mapping of 2-D array processor to linear array processor and its applications. *Parallel Algorithms and Applications*, 6(4):241–257, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772403912>.
- Carver:1996:PCH**
- [CLZ96] Doris L. Carver, Jigang Liu, and S. Q. Zheng. Planar convex hull algorithms on linear arrays. *Parallel Algorithms and Applications*, 10(1–2):59–70, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220896>.
- Cruz:2003:PAM**
- [CM03] F. R. B. Cruz and G. R. Mateus. Parallel algorithms for a multi-level network optimization problem. *Parallel Algorithms and Applications*, 18(3):121–137, September 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713812564>.
- Chopard:2000:PDE**
- [CPT00] Bastien Chopard, Olivier Pictet, and Marco Tomassini. Parallel and distributed evolutionary computation for financial applications. *Parallel Algorithms and Applications*, 15(1–2):15–36, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776636255>. Interface of parallel computing and statistics, economics, finance and optimization.
- Chang:1993:BBB**
- [CS93] Mark Yan-Ming Chang and Martin H. Schultz. Bounds on block diagonal preconditioning. *Parallel Algorithms and Applications*, 1(2):141–164, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401503>.
- Chandrasekar:1994:SSD**
- [CS94] Srinivasan Chandrasekar and Pradip K. Srimani. A self-stabilizing distributed algorithm for all-pairs shortest path problem. *Parallel Algorithms and Applications*, 4(1–2):125–137, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745104>.

- [CS95] **Chen:1995:RSA** Yuh-Shyan Chen and Jang-Ping Sheu. A reliable sorting algorithm on hypercube multicomputers. *Parallel Algorithms and Applications*, 5(3-4):165-186, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400089>.
- [DbT01] **Datta:2001:SSD** Ajoy K. Datta and Sébastien bastien Tixeuil. Self-stabilizing distributed sorting in tree networks. *Parallel Algorithms and Applications*, 16(1):1-15, 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777308744>.
- [CT96] **Chang:1996:TMR** Pen-Yuang Chang and Jong-Chuang Tsay. Timespace mapping for regular arrays. *Parallel Algorithms and Applications*, 10(1-2):37-48, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220894>.
- [DD00] **Deng:2000:ROL** Xiaotie Deng and Patrick Dymond. Randomized optimal list ranking on coarse-grained parallel computers with $O(\log p)$ communication phases. *Parallel Algorithms and Applications*, 14(3):165-173, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778235464>.
- [CW95] **Celenk:1995:DCL** Mehmet Celenk and Yang Wang. Distributed computation in local area networks of workstations. *Parallel Algorithms and Applications*, 5(1-2):79-106, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743843>.
- [DE95] **Deep:1995:RSG** K. Deep and D. J. Evans. The random search global optimization method for parallel computers. *Parallel Algorithms and Applications*, 5(3-4):269-282, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400096>.
- [Dat01] **Datta:2001:EPR** Amitava Datta. Efficient parallel range searching and partitioning algorithms. *Parallel Algorithms and Applications*, 16(4):301-317, 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777327100>.
- [DES97] **Douglas:1997:MSF** Craig C. Douglas, Alexandre Ern, and Mitchell D. Smooke. Multigrid solution of flame sheet problems on serial and parallel computers. *Parallel Algorithms and Applications*, 10(3-4):225-236, 1997.

CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398785>.

Dey:1994:LSN

- [Dey94] S. K. Dey. Large-scale non-linear parallel computations by perturbed functional iterations. *Parallel Algorithms and Applications*, 3(3-4):211-226, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167057>.

Das:1994:EPA

- [DFZ94] Sajal K. Das, Paul S. Fisher, and Hua Zhang. Efficient parallel algorithms for pattern recognition. *Parallel Algorithms and Applications*, 2(1-2):81-98, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745443>.

Das:1994:EAM

- [DHM94] Sajal K. Das, Wen-Bing Horng, and Gyo S. Moon. An efficient algorithm for managing a parallel heap. *Parallel Algorithms and Applications*, 4(3-4):281-299, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314738>.

Djemame:2001:DSH

- [Dje01] K. Djemame. Distributed simulation of high-level algebraic petri nets with limited capacity places. *Parallel Algorithms and Applications*, 16(3):207-241,

2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777320415>.

Dogrusoz:1996:EAC

- [DK96] U. Dogrusoz and M. S. Krishnamoorthy. Enumerating all cycles of a planar graph. *Parallel Algorithms and Applications*, 10(1-2):21-36, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220893>.

Dimov:1996:MCA

- [DKKS96] I. Dimov, A. Karaivanova, H. Kuchen, and H. Stoltze. Monte Carlo algorithms for elliptic differential equations — a data parallel functional approach. *Parallel Algorithms and Applications*, 9(1-2):39-65, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744467>.

Diekmann:1996:CHS

- [DLMS96] Ralf Diekmann, Reinhard Lüling, Burkhard Monien, and Carsten Spräner. Combining helpful sets and parallel simulated annealing for the graph-partitioning problem. *Parallel Algorithms and Applications*, 8(1):61-84, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a783554361>.

- Deshpande:1995:RAT**
- [DMSD95] A. Deshpande, S. Malhotra, M. H. Schultz, and C. C. Douglas. A rigorous analysis of time domain parallelism. *Parallel Algorithms and Applications*, 6(1):53–62, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397974>. Also available as Yale Computer Science Technical Report TR/DCS/996.
- Denny:1997:IFD**
- [DOS97] W. M. Denny II, S. Olariu, and J. L. Schwing. The implementation of a fractal dimension estimation for texture discrimination on the dap. *Parallel Algorithms and Applications*, 10(3–4):211–224, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398784>.
- Douglas:1996:CMA**
- [Dou96] Craig C. Douglas. Caching in with multigrid algorithms: Problems in two dimensions. *Parallel Algorithms and Applications*, 9(3–4):195–204, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707978>.
- Dikaiakos:1995:CSH**
- [DRS95] Marios D. Dikaiakos, Anne Rogers, and Ken Steiglitz. A comparison study of heuristics for mapping parallel algorithms to message-passing multiprocessors. *Parallel Algorithms and Applications*, 7(3–4):283–302, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402452>.
- Dumitrescu:1994:FMM**
- [DRT94] B. Dumitrescu, J.-L. Roch, and D. Trystram. Fast matrix multiplications algorithms on MIMD architectures. *Parallel Algorithms and Applications*, 4(1–2):53–70, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745099>.
- Datta:1995:PAM**
- [DS95] Alak K. Datta and Ranjan K. Sen. A parallel algorithm for maximal matching based on depth first search. *Parallel Algorithms and Applications*, 5(3–4):161–164, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400020>.
- Datta:2000:IPA**
- [DS00] Alak Kumar Datta and Ranjan Kumar Sen. Improved parallel algorithm for maximal matching based on depth-first-search. *Parallel Algorithms and Applications*, 14(4):321–327, April 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778714136>.

- [DS04] **Datta:2004:TPM**
Alak Kumar Datta and Ranjan Kumar Sen. $O(\log_4 n)$ time parallel maximal matching algorithm using linear number of processors. *Parallel Algorithms and Applications*, 19(1):19–32, March 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646637>.
- [DSVF95] **Dehne:1995:APA**
Frank Dehne, Jörg-Rüdiger Sack, Natana Valiveti, and Boris Flach. Analog parallel algorithms for computational geometry. *Parallel Algorithms and Applications*, 5(1-2):1–14, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743838>.
- [DV97] **Darte:1997:OAK**
Alain Darte and Frédéric Vivien. On the optimality of Allen and Kennedy’s algorithm for parallelism extraction in nested loops. *Parallel Algorithms and Applications*, 12(1-3):83–112, ??? 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a775978205>.
- [DZ96] **Duan:1996:DAD**
Zhaohui Duan and Zhaoqing Zhang. DPART: An automatic data partitioning system for distributed memory parallel machines. *Parallel Algorithms and Applications*, 9(3-4):205–212, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707979>.
- [DZE95] **Deren:1995:MRM**
Wang Deren, Bai Zhongzhi, and D. J. Evans. Multisplitting relaxed methods for a class of system of nonlinear equations. *Parallel Algorithms and Applications*, 7(1-2):1–15, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743287>.
- [DZP00] **Doumpos:2000:MSM**
Michael Doumpos, Constantin Zopounidis, and Panos M. Pardalos. Multicriteria sorting methodology: Application to financial decision problems. *Parallel Algorithms and Applications*, 15(1-2):113–129, ??? 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776636259>. Interface of parallel computing and statistics, economics, finance and optimization.
- [EA94] **Evans:1994:PIE**
D. J. Evans and R. Abdullah. The parallel implicit elimination (PIE) method for the solution of linear systems. *Parallel Algorithms and Applications*, 4(1-2):153–162, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745106>.

Evans:1995:CQQ

- [EA95] D. J. Evans and R. Abdulah. A comparison of the QR and QZ matrix factorisation methods on parallel computers. *Parallel Algorithms and Applications*, 7(1-2):43-52, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743290>.

Evans:1997:SAS

- [EA97] D. J. Evans and S. A. Amin. Systolic algorithms for the solution of Toeplitz matrices. *Parallel Algorithms and Applications*, 12(4):321-339, April 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776016230>.

Evans:1994:PRI

- [EB94a] D. J. Evans and N. M. Bahoshy. Parallel Romberg integration of multidimensional integrals. *Parallel Algorithms and Applications*, 3(3-4):271-286, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167062>.

Evans:1994:PSD

- [EB94b] D. J. Evans and N. M. Bahoshy. The parallel solution of diagonal block bordered linear systems. *Parallel Algorithms and Applications*, 3(1-2):73-82, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202303>.

www.informaworld.com/smpp/content~content=a779202303.

Evans:1995:UMN

- [EB95] D. J. Evans and N. M. Bahoshy. A universal mapping for nested loops in parallel programming. *Parallel Algorithms and Applications*, 7(3-4):303-311, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402453>.

Evans:1994:LSA

- [EC94] D. J. Evans and D. Caf. Linear systolic arrays for Toeplitz linear systems of equations. *Parallel Algorithms and Applications*, 2(3):155-172, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401562>.

Evans:1995:DLB

- [EC95] D. J. Evans and A. Calinescu. Dynamic load balancing algorithms for heavily and lightly loaded homogeneous distributed systems. *Parallel Algorithms and Applications*, 6(2-3):167-177, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398624>.

Evans:1997:MIP

- [EG97] David J. Evans and Marjan Gušev. The magic of interlocking property: Fast systolic design. *Parallel Algorithms and Applications*, 10(3-4):195-209, 1997. CODEN PAAPEC.

- ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398783>.
Evans:1994:CRA
- [EJ94] D. J. Evans and Pragma Jain. The coupled reduced alternating group explicit (CRAGE) method. *Parallel Algorithms and Applications*, 2(3):193–208, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401608>.
Evangelinos:1996:PCB
- [EK96] Constantinos Evangelinos and George Em Karniadakis. Parallel CFD benchmarks on Cray computers. *Parallel Algorithms and Applications*, 9(3–4):273–298, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707985>.
Eshaghian:1993:HAI
- [ENSS93] Mary M. Eshaghian, J. Greg Nash, Muhammad E. Shaaban, and David B. Shu. Heterogeneous algorithms for image understanding architecture. *Parallel Algorithms and Applications*, 1(4):273–284, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397699>.
Evans:1997:PSS
- [EO97] D. J. Evans and G. Okša. Parallel solution of symmetric positive definite Toeplitz systems. *Parallel Algorithms and Applications*, 12(4):297–303, April 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776016228>.
El-Rewini:1994:CCS
- [ERA94] Hesham El-Rewini and Hesham H. Ali. On considering communication in scheduling task graphs on parallel processors. *Parallel Algorithms and Applications*, 3(3–4):177–191, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167055>.
El-Rewini:1995:OLU
- [ERA95] Hesham El-Rewini and Hesham H. Ali. On optimal loop unrolling in two-processor scheduling. *Parallel Algorithms and Applications*, 7(1–2):107–119, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743294>.
Egecioglu:1993:OPP
- [ES93] Ömer Egecioglu and Ashok Srinivasan. Optimal parallel prefix on mesh architectures. *Parallel Algorithms and Applications*, 1(3):191–209, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398092>.
Evans:1994:BPP
- [ES94] D. J. Evans and G. Spaletta. Block partitioning in the paral-

- lel recursive decoupling method. *Parallel Algorithms and Applications*, 3(3-4):331-347, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167075>.
Evans:1996:PSC
- [ES96] D. J. Evans and M. N. Sulaiman. Parallel simulation of character recognition problems using NEUCOMP2. *Parallel Algorithms and Applications*, 10(1-2):49-58, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220895>.
Entacher:2003:DPM
- [ESSU03] Karl Entacher, Thomas Schell, Wolfgang Ch. Schmid, and Andreas Uhl. Defects in parallel Monte Carlo and quasi-Monte Carlo integration using the leap-frog technique. *Parallel Algorithms and Applications*, 18(1-2):13-26, March/June 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713812543>. Algorithms and applications of parallel numerics (Bratislava, 2000).
Evans:1995:PDN
- [ET95] D. J. Evans and L. P. Tay. Parallel distributed neural networks for classification. *Parallel Algorithms and Applications*, 5(3-4):293-305, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400098>.
Erbas:1994:PMA
- [ETN94] Cengiz Erbas, Murat M. Tanik, and V. S. S. Nair. Parallel memory allocation and data alignment in SIMD machines. *Parallel Algorithms and Applications*, 4(1-2):139-151, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745105>.
Evans:1993:E
- [Eva93] D. J. Evans. Editorial. *Parallel Algorithms and Applications*, 1(1):1, ??? 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772399752>.
Evans:1997:PST
- [Eva97] D. J. Evans. The parallel solution of tridiagonal systems by recursive striding. *Parallel Algorithms and Applications*, 10(3-4):161-164, January 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398780>.
Evans:1997:LSA
- [EW97] D. J. Evans and C. R. Wan. A linear systolic array for preconditioned conjugate gradient method. *Parallel Algorithms and Applications*, 11(3-4):227-247, ??? 1997. CODEN PAAPEC.

ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742292>.

Evans:1994:QOD

- [EY94a] D. J. Evans and P. Yalamov. The QZ orthogonal decomposition method. *Parallel Algorithms and Applications*, 2(4):263–276, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397560>.

Evans:1994:QAC

- [EY94b] D. J. Evans and W. S. Yousif. The QZ algorithm for the calculation of the eigenvalues of a real matrix. *Parallel Algorithms and Applications*, 4(3–4):183–192, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314730>.

Evans:1994:STL

- [EY94c] D. J. Evans and W. S. Yousif. Solving tridiagonal linear systems by the enhanced parallel stride of three reduction method. *Parallel Algorithms and Applications*, 2(3):149–154, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401561>.

Ford:2003:FPF

- [FCF03] Judith M. Ford, Ke Chen, and Neville J. Ford. Flexible parallelization of fast wavelet transforms. *Parallel Algorithms and Applications*, 18(4):155–169, December 2003.

CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713601714>.

Ferreira:1996:GBI

- [FGS96] A. Ferreira, A. Goldman vel Lejbman, and S. W. Song. Gossiping in bus interconnection networks. *Parallel Algorithms and Applications*, 8(3–4):309–331, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776632238>.

Ferrante:1997:CTA

- [FGS97a] Jeanne Ferrante, Dirk Grunwald, and Harini Srinivasan. Compile-time analysis and optimization of explicitly parallel programs. *Parallel Algorithms and Applications*, 12(1–3):21–56, October 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a775978203>.

Folwell:1997:PAI

- [FGS97b] Nathan Folwell, Sumanta Guha, and Ichiro Suzuki. A practical algorithm for integer sorting on a mesh-connected computer. *Parallel Algorithms and Applications*, 12(4):265–278, April 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776016226>.

- [FGSxx] **Ferreira:19xx:BBI**
 A. Ferreira, A. Goldman vel Lejbman, and S. W. Song. Broadcasting in bus interconnection networks. *Parallel Algorithms and Applications*, ??(??):??, ??? 19xx. CODEN PAAPEC. ISSN 1063-7192. See also the author's paper in Parallel Processing: CONPAR 94 - VAPP VI. Third Joint International Conference on Vector and Parallel Processing Proceedings, Springer-Verlag, p. xvi + 889, pp. 797–807 (1994).
- [Fid01] **Fidanova:2001:LAC**
 Stefka Fidanova. Linear array for a class of non uniform recurrence equations. *Parallel Algorithms and Applications*, 16(4):273–281, ??? 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777327098>.
- [FM98] **Fouliras:1998:PDD**
 P. E. Fouliras and K. G. Margaritis. A parallel demand-driven simulation algorithm for SIMD computers. *Parallel Algorithms and Applications*, 13(1):53–73, January 1998. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776647676>.
- [FML95] **Francomano:1995:RFV**
 E. Francomano, A. Tortorici Macaluso, and C. Lodato. A recurrence-free variant of Strassen's algorithm on hypercube. *Parallel Algorithms and Applications*, 5(3–4):241–249, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400094>.
- [FPS94] **Fulton:1994:PCS**
 Charles Fulton, Steven Pruess, and William Shoaff. Parallel computation of Sturm–Liouville spectral density functions. *Parallel Algorithms and Applications*, 4(1–2):41–51, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745098>.
- [FT96] **Friedl:1996:RRB**
 Katalin Friedl and Shi-Chun Tsai. Recycling random bits in parallel. *Parallel Algorithms and Applications*, 8(1):85–94, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400361>.
- [FW95] **Fagg:1995:IPP**
 Graham E. Fagg and Shirley A. Williams. Improved program performance using a cluster of workstations. *Parallel Algorithms and Applications*, 6(2–3):233–236, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398643>.

- Gravvanis:2004:JPA**
- [GA04] George A. Gravvanis and Hamid R. Arabnia. The Journal of Parallel Algorithms and Applications: Special issue on parallel and distributed algorithms. *Parallel Algorithms and Applications*, 19(2-3):77-78, ??? 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592648>.
- Gengler:1994:PBF**
- [GC94] M. Gengler and G. Coray. A parallel best-first B&B algorithm and its axiomatization. *Parallel Algorithms and Applications*, 2(1-2):61-80, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745442>.
- Gusev:1993:FMV**
- [GE93] Marjan Gušev and David J. Evans. The fastest matrix vector multiplication. *Parallel Algorithms and Applications*, 1(1):57-67, ??? 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772399780>.
- Gusev:1994:FTS**
- [GE94] M. Gušev and D. J. Evans. Folding transformations on systolic and VLSI processor arrays. *Parallel Algorithms and Applications*, 4(3-4):239-274, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314736>.
- Gusev:1996:IPL**
- [GE96] Marjan Gušev and David J. Evans. Interlocking properties of the linear data dependence method. *Parallel Algorithms and Applications*, 8(2):97-114, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314434>.
- Gerbessiotis:2003:TTB**
- [Ger03] Alexandros V. Gerbessiotis. Trinomial-tree based parallel option price valuations. *Parallel Algorithms and Applications*, 18(4):181-196, December 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646632>.
- Gravvanis:2004:DNE**
- [GGM04] G. A. Gravvanis, K. M. Giannoutakis, and N. M. Misisirlis. A distributed normalized explicit preconditioned conjugate gradient method. *Parallel Algorithms and Applications*, 19(2-3):163-174, ??? 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592653>.
- Galley:1996:PAS**
- [GI96] Clive N. Galley and Costas S. Iliopoulos. A PRAM algorithm for a special case of the set partition problem. *Parallel Algorithms and Applications*, 4(3-4):239-274, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314434>.

- tions, 10(1–2):105–109, ????. 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220901>.
- Gasparo:1995:PMQ**
- [GMP95] M. G. Gasparo, B. Morini, and A. Papini. A parallel method for quasilinear problems. *Parallel Algorithms and Applications*, 6(1):79–86, ????. 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398008>.
- Golik:2000:PSP**
- [Go100] Wojciech L. Golik. Parallel solvers for planar elliptic grid generation equations. *Parallel Algorithms and Applications*, 14(3):175–186, ????. 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778235465>.
- Guarracino:1994:PBL**
- [GP94] Mario Rosario Guarracino and Francesca Perla. A parallel block Lanczos algorithm for distributed memory architectures. *Parallel Algorithms and Applications*, 4(3–4):211–221, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314732>.
- Galligani:1994:PPB**
- [GR94] E. Galligani and V. Ruggiero. A polynomial preconditioner for block tridiagonal matrices. *Parallel Algorithms and Applications*, 3(3–4):227–237, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167058>.
- Garg:1994:OMM**
- [GSA94] Sharad Garg, Howard A. Sholl, and Reda A. Ammar. Optimizing the matrix multiplication parallel algorithms on a distributed-memory MIMD multiprocessor. *Parallel Algorithms and Applications*, 2(4):291–303, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397562>.
- Guivarch:1997:SAP**
- [GSBM97] R. Guivarch, P. Spiteri, H. C. Boisson, and J. C. Miellou. Schwarz alternating parallel algorithm applied to incompressible flow computation in vorticity stream function formulation. *Parallel Algorithms and Applications*, 11(3–4):205–225, ????. 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742291>.
- Guyennet:1995:MSD**
- [GST95] Hervé Guyennet, François Spies, and Michel Tréhel. Modeling and simulation of dynamic load balancing using queueing theory. *Parallel Algorithms and Applications*, 5(3–4):199–218, ????. 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314732>.

- www.informaworld.com/smpp/content~content=a772400091.
- [GSZ02] L. E. Garey, R. E. Shaw, and J. Zhang. A parallel divide and conquer algorithm for non symmetric tridiagonal Toeplitz systems using conjugate gradient. *Parallel Algorithms and Applications*, 17(4):249–262, 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713941499>.
- [GTA97] A. B. Gumel, E. H. Twizell, and M. A. Arigu. Parallel L_0 -stable methods for the multi-dimensional diffusion equation. *Parallel Algorithms and Applications*, 11(1–2):13–25, May 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742759>.
- [Guh98] Sumanta Guha. Optimal mesh algorithms for proximity and visibility problems in simple polygons. *Parallel Algorithms and Applications*, 13(2):167–185, February 1998. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776661632>.
- [HB97] Joanna K. Hartley and Andrzej Bargiela. Parallel state estimation with confidence limit analysis. *Parallel Algorithms and Applications*, 11(1–2):155–167, May 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742767>.
- [HBT97] Saniya Ben Hassen, Henri E. Bal, and Andrew S. Tanenbaum. Hawk: a runtime system for partitioned objects. *Parallel Algorithms and Applications*, 12(1–3):205–230, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a775978210>.
- [HC02] Yasushi Hayashi and Murray Cole. Static performance prediction of skeletal parallel programs. *Parallel Algorithms and Applications*, 17(1):59–84, 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777803178>.
- [HCL93] F. R. Hsu, R. C. Chang, and R. C. T. Lee. Optimal parallel preprocessing algorithms for testing weak visibility of polygons from segments. *Parallel Algorithms and Applications*, 1(2):83–98, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401485>.

- [HE95] **He:1995:SDD**
 Qiming He and David J. Evans. Symmetric domain decomposition method for large scale and nonlinear evolution systems. *Parallel Algorithms and Applications*, 7(3-4):161-175, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402404>.
- [HE96a] **Han:1996:SAN**
 Yongfei Han and David J. Evans. On systolic algorithms and neural nets for inference. *Parallel Algorithms and Applications*, 8(2):169-175, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314442>.
- [HE96b] **He:1996:MSP**
 Qiming He and D. J. Evans. Monotone-Schwarz parallel algorithm for nonlinear elliptic equations. *Parallel Algorithms and Applications*, 9(3-4):173-184, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707976>.
- [Hen96] **Henrich:1996:LML**
 Dominik Henrich. The liquid model load balancing method. *Parallel Algorithms and Applications*, 8(3-4):285-307, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776632237>.
- [HKC95] **He:1995:CGE**
 Jun He, Li-Shan Kang, and Yong-Jun Chen. Convergence of genetic evolution algorithms for optimization. *Parallel Algorithms and Applications*, 5(1-2):37-56, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743840>.
- [HLM94] **Hafsteinnson:1994:SLS**
 Hjalmtýr Hafsteinnson, Roni Levkowitz, and Gautam Mitra. Solving large scale linear programming problems using an interior point method on a massively parallel SIMD computer. *Parallel Algorithms and Applications*, 4(3-4):301-316, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314739>.
- [HLN95] **Hu:1995:DIP**
 Jie Hu, Lei Li, and Tadao Nakamura. A divide-and-inner product parallel algorithm for polynomial evaluation. *Parallel Algorithms and Applications*, 6(1):63-66, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397975>.
- [HNL97a] **Hu:1997:AMN**
 Jie Hu, Tadao Nakamura, and Lei Li. Asynchronous mono-
- Special Issue on Algorithms for Enhanced Mesh Architectures.

- tone Newton iterative method on distributed computers. *Parallel Algorithms and Applications*, 12(4):341–348, April 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776016231>.
- [HNL97b] Jie Hu, Tadao Nakamura, and Lei Li. Convergence, complexity and simulation of monotone asynchronous iterative method for computing fixed point[s] on a distributed computer. *Parallel Algorithms and Applications*, 11(1–2):1–11, May 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742757>.
- [HNRW02] Sverker Holmgren, Markus Nordén, Jarmo Rantakokko, and Dan Wallin. Performance of PDE solvers on a self-optimizing NUMA architecture. *Parallel Algorithms and Applications*, 17(4):285–299, ??? 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713941501>.
- [Hor94] S. J. Horng. Parallel dominator computation on a RAP. *Parallel Algorithms and Applications*, 3(1–2):1–8, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202298>.
- [HSO96] M.-C. Heydemann, D. Sotteau, and J. Opatrny. Embeddings of complete binary trees into extended grids with edge-congestion 1*. *Parallel Algorithms and Applications*, 8(3–4):333–354, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776632239>.
- [HZ04] Satchidanand G. Haridas and Sotirios G. Ziavras. FPGA implementation of a Cholesky algorithm for a shared-memory multiprocessor architecture. *Parallel Algorithms and Applications*, 19(4):211–226, ??? 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592657>.
- [JDMW96] Xiong Jianxin, Wang Dingxing, Shen Meiming, and Zheng Weimin. On-line debugging of parallel programs. *Parallel Algorithms and Applications*, 9(3–4):227–236, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707981>.
- [JLT94] Theodore Johnson, Panos E. Livadas, and Sunjay E. Talele. A

- parallel algorithm for surface triangulation. *Parallel Algorithms and Applications*, 3(1-2):9-30, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202299>. **Jenq:1993:HRM**
- [JS93] Jing-Fu Jenq and Sartaj Sahni. Histogramming on a reconfigurable mesh computer. *Parallel Algorithms and Applications*, 1(3):179-190, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398091>. **Kontoghiorghes:1993:SUD**
- [KC93] E. J. Kontoghiorghes and M. R. B. Clarke. Solving the updated and downdated ordinary linear model on massively parallel SIMD systems. *Parallel Algorithms and Applications*, 1(3):243-252, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398095>. **Kang:1996:APA**
- [KCMC96] Lishan Kang, Yuping Chen, Iain MacLeod, and Lujuan Chen. Asynchronous parallel algorithms based on DDM on CM-5 (I) for solving linear elliptic PDE's. *Parallel Algorithms and Applications*, 9(3-4):161-172, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707975>. **Koc:1994:ESL**
- [KGB94] Ç. K. Koç, A. Güvenç, and B. Bakkaloğlu. Exact solution of linear equations on distributed-memory multiprocessors. *Parallel Algorithms and Applications*, 3(1-2):135-143, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202347>. **Kharab:2001:ESM**
- [Kha01] A. Kharab. Eigenpairs of symmetric matrices using the quadratic method and the method of subdefinite calculations. *Parallel Algorithms and Applications*, 16(4):319-326, 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777327101>. **Kiper:1996:PPE**
- [Kip96] Ayse Kiper. Parallel polynomial evaluation by decoupling algorithm. *Parallel Algorithms and Applications*, 9(1-2):145-152, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744476>. **Kim:1995:OPMa**
- [KJ95a] Myung-Ho Kim and Chang-Sung Jeong. An optimal parallel matching algorithm for a convex bipartite graph on a mesh-connected computer. *Parallel Algorithms and Applications*, 5(1-2):15-35, 1995. CODEN PAAPEC.

ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743839>.

Kim:1995:OPMb

[KJ95b]

Myung-Ho Kim and Chang-Sung Jeong. An optimal parallel matching algorithm for a convex bipartite graph on a mesh-connected computer. *Parallel Algorithms and Applications*, 6(2-3):129-141, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398622>.

Kaskalis:1996:RST

[KM96]

T. H. Kaskalis and K. G. Margaritis. A reconfigurable systolic torus for iterative matrix operations. *Parallel Algorithms and Applications*, 10(1-2):79-91, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220899>.

Kim:1996:PSS

[KMBK96]

Taegeun Kim, Kyeongdeok Moon, Nanjoo Ban, and Jungwon Kim. PPTran: Source to source translator for High Performance Fortran. *Parallel Algorithms and Applications*, 9(3-4):213-225, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707980>.

Kontoghiorghes:1995:NPS

[Kon95]

Erricos J. Kontoghiorghes. New parallel strategies for block up-

dating the QR decomposition. *Parallel Algorithms and Applications*, 5(3-4):229-239, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400093>.

Kontoghiorghes:2000:PGS

[Kon00]

Erricos John Kontoghiorghes. Parallel Givens sequences for solving the general linear model on a EREW PRAM. *Parallel Algorithms and Applications*, 15(1-2):57-75, ??? 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776636257>. Interface of parallel computing and statistics, economics, finance and optimization.

Kadalbajoo:1995:PMS

[KR95]

Mohan K. Kadalbajoo and A. Appaji Rao. Parallel method for solving singularly perturbed boundary value problems. *Parallel Algorithms and Applications*, 7(1-2):121-131, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743295>.

Kadalbajoo:1996:PAA

[KR96]

M. K. Kadalbajoo and A. Appaji Rao. Parallel age algorithm for parabolic equations with a small parameter. *Parallel Algorithms and Applications*, 8(2):155-168, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743295>.

- www.informaworld.com/smpp/content~content=a777314437.
- Kadalbajoo:1997:PAA**
- [KR97] Mohan K. Kadalbajoo and A. Appaji Rao. Performance analysis of age algorithm for singular perturbation problems. *Parallel Algorithms and Applications*, 10(3-4):315-318, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398802>.
- Konig:1998:AGA**
- [KRT98] J.-C. König, P. S. Rao, and D. Trystram. Analysis of gossiping algorithms with restricted buffers. *Parallel Algorithms and Applications*, 13(2):117-133, February 1998. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776661629>.
- Kuzyurin:1995:PAF**
- [KS95] Nikolai N. Kuzyurin and Leonid V. Shabanov. A parallel algorithm for fixed-dimensional linear programming. *Parallel Algorithms and Applications*, 6(1):17-24, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397971>.
- Kim:1997:OPM**
- [KS97] Hiryoung Kim and Alan P. Sprague. Optimal parallel matching on bipartite permutation graphs. *Parallel Algorithms and Applications*, 10(3-4):165-176, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398781>.
- Langston:1996:PAI**
- [Lan96] Michael A. Langston. Parallel algorithms, an introduction to the special issue. *Parallel Algorithms and Applications*, 8(1):1-2, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400252>.
- Lau:2002:LDP**
- [Lau02] Francis C. M. Lau. The load distribution problem in a processor ring. *Parallel Algorithms and Applications*, 17(3):185-204, 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a7713601710>.
- Lai:1997:SPP**
- [LC97] Guan-Joi Lai and Cheng Chen. Scheduling parallel program tasks with non-negligible intertask communications on to NUMA multiprocessor systems. *Parallel Algorithms and Applications*, 12(1-3):165-184, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a775978208>.
- Lee:2004:HJP**
- [LCFL04] Han-Ku Lee, Bryan Carpenter, Geoffrey Fox, and Sang Boem Lim. HP Java: Programming support for high-performance

- Grid-enabled applications. *Parallel Algorithms and Applications*, 19(2–3):175–193, ??? 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592654>. [LL93]
- Li:1995:PIS**
- [LE95] Changjun Li and D. J. Evans. Parallel implementation for the symmetric eigenvalue problems on a Meiko i860 computer. *Parallel Algorithms and Applications*, 6(2–3):229–232, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398642>. [LM98]
- Li:1997:STS**
- [Li97] Keqin Li. Solving the traveling salesman problem using efficient randomized parallel approximation algorithms. *Parallel Algorithms and Applications*, 10(3–4):271–281, ??? 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398799>. [LMR96]
- Li:2004:FSP**
- [Li04] Keqin Li. Fast and scalable parallel matrix computations with reconfigurable pipelined optical buses. *Parallel Algorithms and Applications*, 19(4):195–209, ??? 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592656>. [LN95]
- Levene:1993:MLF**
- Mark Levene and George Loizou. A modal logic formalism for distributed and parallel knowledge bases. *Parallel Algorithms and Applications*, 1(1):11–27, ??? 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772399754>.
- Luce:1998:ASA**
- Guillaume Luce and Jean Frédéric Myoupo. Application-specific array processors for the longest common subsequence problem of three sequences. *Parallel Algorithms and Applications*, 13(1):27–52, January 1998. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776647675>.
- Li:1996:MRM**
- [LMR96] Zhiyong Li, Peter H. Mills, and John H. Reif. Models and resource metrics for parallel and distributed computation. *Parallel Algorithms and Applications*, 8(1):35–59, December 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a783554362>.
- Li:1995:CAI**
- [LN95] Lei Li and Tadao Nakamura. The convergence of asynchronous iterations for the fixed point of a splitting operator. *Parallel Algorithms and Applications*, 7(3–4):229–235,

- ???? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402408>. [LQ96]
- Lin:1995:COE**
- [LO95] Rong Lin and Stephan Olariu. A cost-optimal EREW breadth-first algorithm for ordered trees, with applications. *Parallel Algorithms and Applications*, 5(3-4):187-197, ????. 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400090>.
- Lin:1994:EEA**
- [LOSZ94] R. Lin, S. Olariu, J. L. Schwing, and J. Zhang. An efficient EREW algorithm for minimum path cover and Hamiltonicity on cographs. *Parallel Algorithms and Applications*, 2(1-2):99-113, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745444>.
- Liou:1997:PAT**
- [LPW97] Jing-Chiou Liou, Michael A. Palis, and David S. L. Wei. Performance analysis of task clustering heuristics for scheduling static DAGs on multiprocessor system. *Parallel Algorithms and Applications*, 12(1-3):185-203, ????. 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a775978209>.
- Liszka:1996:PKT**
- K. Liszka and A. Quesada. On the parallel k th extension of the Sieve of Eratosthenes. *Parallel Algorithms and Applications*, 10(1-2):111-125, ????. 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220902>.
- Lee:1997:OSA**
- [LTCT97] Wei-Ping Lee, Jong-Chuang Tsay, Hsien-Sheng Chen, and Tai-Jyi Tseng. An optimal systolic algorithm for the set partitioning problem. *Parallel Algorithms and Applications*, 10(3-4):301-313, ????. 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398801>.
- Lowekamp:1996:CAP**
- [LWC96] Bruce B. Lowekamp, Layne T. Watson, and Mark S. Cramer. The cellular automata paradigm for the parallel solution of heat transfer problems. *Parallel Algorithms and Applications*, 9(1-2):119-130, ????. 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744472>.
- Lenders:2002:EBP**
- [LX02] Patrick Lenders and Jingling Xue. Eigenvectors-based parallelisation of nested loops with affine dependences. *Parallel Algorithms and Applications*,

- 17(3):227–248, ????. 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713601713>. **Lin:2002:DFS**
- [LY02] Yen-Chun Lin and Jih-Wei Yeh. Deriving a fast systolic algorithm for the longest common subsequence problem. *Parallel Algorithms and Applications*, 17(1):1–18, ????. 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777803175>. **Megson:1994:SMI**
- [MAD94] G. M. Megson, V. N. Aleksandrov, and I. T. Dimov. Systolic matrix inversion using a Monte Carlo method. *Parallel Algorithms and Applications*, 3(3–4):311–330, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167064>. **Margaritis:1994:ANN**
- [MAGE94] K. G. Margaritis, M. Adamopoulos, K. Goulianas, and D. J. Evans. Artificial neural networks and iterative linear algebra methods. *Parallel Algorithms and Applications*, 3(1–2):31–44, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202300>. **Mayr:1996:SIO**
- [May96] Ernst W. Mayr. Scheduling interval orders in parallel. *Parallel Algorithms and Applications*, 8(1):21–34, ????. 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400358>. **Merry:1995:CTA**
- [MB95] Mark S. Merry and Johnnie Baker. A constant time algorithm for the channel assignment problem using the reconfigurable mesh. *Parallel Algorithms and Applications*, 6(4):259–271, ????. 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772403913>. **Mohamed:2004:LCL**
- [MB04] Ahmed S. Mohamed and Veyssel S. Baydogan. A locality-conscious load-balancer based on negotiations in dynamic unstructured mesh computations. *Parallel Algorithms and Applications*, 19(2–3):97–125, ????. 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592650>. **Makhaniok:1995:ECS**
- [MCMN95] M. Makhaniok, V. Cherniavsky, R. Männer, and K.-H. Noffz. Extremal codes for speed-up of distributed parallel arbitration. *Parallel Algorithms and Applications*, 6(1):1–16, ????. 1995. CODEN PAAPEC.

ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397970>.

Murphy:1997:PCP

- [MCSW97] K. Murphy, M. Clint, M. Szularz, and J. Weston. The parallel computation of partial eigen-solutions using a modified Lanczos method. *Parallel Algorithms and Applications*, 11(3-4):299-323, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742296>.

Margaritts:1994:SGS

- [ME94a] K. G. Margaritts and D. J. Evans. On systolic general system solution and general matrix inversion. *Parallel Algorithms and Applications*, 3(3-4):193-210, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167056>.

Martins:1994:PMG

- [ME94b] M. M. Martins and D. J. Evans. The parallel multi-splitting generalized iterative methods. *Parallel Algorithms and Applications*, 2(4):251-262, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397559>.

Margaritis:1995:FTS

- [ME95] K. G. Margaritis and D. J. Evans. Folding techniques for systolic iterations. *Parallel Algorithms and Applica-*

tions, 7(1-2):87-105, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743293>.

Margaritis:1997:VPA

- [ME97] K. G. Margaritis and D. J. Evans. A VLSI processor array for flexible string matching. *Parallel Algorithms and Applications*, 11(1-2):45-60, May 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742761>.

Mohanty:1999:BIM

- [ME99] R. K. Mohanty and D. J. Evans. Block iterative methods for one dimensional nonlinear biharmonic problems on a parallel computer. *Parallel Algorithms and Applications*, 13(3):239-263, 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778232862>.

Megson:1993:DUR

- [Meg93] G. M. Megson. The derivation of Uniform Recurrence Equations for the Knapsack Problem. *Parallel Algorithms and Applications*, 1(2):127-140, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401502>.

Mittelmann:1996:PMC

- [Mit96] H. D. Mittelmann. Parallel multi-splittings for constrained optimization. *Parallel Algorithms*

- and Applications, 9(1-2):91-99, ????. 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744469>. [MM04]
- Mansour:1997:PSA**
- [MKD97] Nashat Mansour, Jalal Kawash, and Hassan Diab. Properties of simulated annealing and genetic algorithms for mapping data to multicomputers. *Parallel Algorithms and Applications*, 12(4):279-296, ????. 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776016227>.
- Murthy:1994:TSE**
- [MM94] K. N. Balasubramanya Murthy and C. Siva Ram Murthy. Two-sided elimination algorithm for parallel solution of linear equations using Householder reductions. *Parallel Algorithms and Applications*, 3(3-4):287-309, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167063>.
- Murthy:1995:NMG**
- [MM95] K. N. Balasubramanya Murthy and C. Siva Ram Murthy. A new modified Gram-Schmidt orthogonal matrix factorization based algorithm for parallel solution of linear equations. *Parallel Algorithms and Applications*, 6(1):39-52, ????. 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397973>.
- Manjunathaiah:2004:TRA**
- [MM04] M. Manjunathaiah and G. M. Megson. Tools for regularizing array designs. *Parallel Algorithms and Applications*, 19(1):51-75, March 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646640>.
- Mathioudakis:1996:MPI**
- [MPS96] E. N. Mathioudakis, E. P. Papadopoulou, and Yiannis G. Saridakis. Mapping parallel iterative algorithms for PDE computations on a distributed memory computer. *Parallel Algorithms and Applications*, 8(2):141-154, ????. 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314436>.
- Metallinos:1994:ENA**
- [MRS94] S. N. Metallinos, D. I. Reisis, and G. I. Stassinopoulos. An efficient network analyser based on linear array architecture. *Parallel Algorithms and Applications*, 2(1-2):139-147, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745447>.
- Matias:1996:FEM**
- [MS96] Yossi Matias and Assaf Schuster. Fast, efficient mutual and

- self simulations for shared memory and reconfigurable mesh. *Parallel Algorithms and Applications*, 8(3–4):195–221, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776632201>.
- [MS00a] **Manolakos:2000:SSP** Elias S. Manolakos and Haris M. Stellakis. Systematic synthesis of parallel architectures for the real-time estimation of higher order statistical moments. *Parallel Algorithms and Applications*, 15(1–2):77–111, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776636258>. Interface of parallel computing and statistics, economics, finance and optimization.
- [MS00b] **Myoupo:2000:EPA** Jean-Frédéric Myoupo and David Semé. Efficient parallel algorithms for the LIS and LCS problems on BSR model using constant number of selections. *Parallel Algorithms and Applications*, 14(3):187–202, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778235466>.
- [MSBK01] **Michaelson:2001:NAS** Greg Michaelson, Norman Scaife, Paul Bristow, and Peter King. Nested algorithmic skeletons from higher order functions. *Parallel Algorithms and Applications*, 16(3):181–206, 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777320411>.
- [MSCSxxx] **Maniatty:19xx:SME** Bill Maniatty, Boleslaw K. Szymanski, Tom Caraco, and Balam Sinharoy. Spatial modeling of epidemics on parallel machines. *Parallel Algorithms and Applications*, ??(??):??, 19xx. CODEN PAAPEC. ISSN 1063-7192.
- [MST94] **Moriarty:1994:HSM** K. J. M. Moriarty, S. Sanielevici, and T. Trappenberg. High speed Monte Carlo simulations on vector parallel computers. *Parallel Algorithms and Applications*, 3(3–4):165–175, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167014>.
- [MT95] **Missirlis:1995:PBM** N. M. Missirlis and F. I. Tjaferis. Parallel block methods for solving linear systems. *Parallel Algorithms and Applications*, 5(1–2):57–68, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743841>.
- [MT97] **Missirlis:1997:HMS** N. M. Missirlis and F. I. Tjaferis. The Huard method on

- a shared memory MIMD computer. *Parallel Algorithms and Applications*, 11(3–4):249–272, [NB99] 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742293>.
- [MTR03] Jaka Moćnik, Roman Trobec, and Borut Robić. Integration of load balancing in a CORBA environment. *Parallel Algorithms and Applications*, 18(1–2):99–105, March/June 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713812548>.
- [MW00] Matthew T. McMahon and Layne T. Watson. A distributed genetic algorithm with migration for the design of composite laminate structures. *Parallel Algorithms and Applications*, 14(4):329–362, April 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778714137>.
- [Nak96] Koji Nakano. Computation of the convex hull for sorted points on a reconfigurable mesh. *Parallel Algorithms and Applications*, 8(3–4):243–250, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776632234>.
- [Nasuto:1999:CAS] S. Nasuto and M. Bishop. Convergence analysis of stochastic diffusion search. *Parallel Algorithms and Applications*, 14(2):89–107, February 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777957921>.
- [Nikolopoulos:1994:FPA] Stavros D. Nikolopoulos and Stylianos D. Danielopoulos. Fast parallel algorithms for finding cutpoints and bridges of undirected graphs. *Parallel Algorithms and Applications*, 3(1–2):45–55, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202301>.
- [Nikolopoulos:1996:PBF] Stavros D. Nikolopoulos. Parallel block-finding using distance matrices. *Parallel Algorithms and Applications*, 9(1–2):1–13, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744465>.
- [Osiakwan:1994:EPA] Constantine N. K. Osiakwan and Selim G. Akl. An efficient parallel algorithm for the assignment problem on the plane. *Parallel Algorithms and Applications*, 4(3–4):193–210, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744465>.
- [Mocnik:2003:ILB]
- [McMahon:2000:DGA]
- [Nakano:1996:CCH]

- www.informaworld.com/smpp/content~content=a777314731.
- Osiakwan:1995:MWP**
- [OA95] Constantine N. K. Osiakwan and Selim G. Akl. The maximum weight perfect matching problem for complete weighted graphs is in PC*. *Parallel Algorithms and Applications*, 6(2-3):143-166, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398623>.
- Othman:2004:PPF**
- [OAE04] M. Othman, A. R. Abdullah, and D. J. Evans. A parallel four points modified explicit group algorithm on shared memory multiprocessors. *Parallel Algorithms and Applications*, 19(1):1-9, March 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646636>.
- Oliveira:2000:ADP**
- [OBHS00] S. Oliveira, L. Borges, M. Holzrichter, and T. Soma. Analysis of different partitioning schemes for parallel Gram-Schmidt algorithms. *Parallel Algorithms and Applications*, 14(4):293-320, April 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778714135>.
- Olariu:1996:F**
- [Ola96] Stephan Olariu. Foreword. *Parallel Algorithms and Applications*, 8(3-4):177-178, 1996. CODEN PAAPEC.
- ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776632199>.
- Olariu:1993:SSA**
- [OSS+93] S. Olariu, J. L. Schwing, W. Shen, L. Wilson, and J. Zhang. A simple selection algorithm for reconfigurable meshes. *Parallel Algorithms and Applications*, 1(1):29-41, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772399755>.
- Oksa:2003:SBJ**
- [OV03] Gabriel Okša and Marián Vajteršic. A systolic block-Jacobi SVD solver for processor meshes. *Parallel Algorithms and Applications*, 18(1-2):49-70, March/June 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a716776278>. Algorithms and applications of parallel numerics (Bratislava, 2000).
- Pavel:1996:MOU**
- [PA96] Sandy Pavel and Selim G. Akl. Matrix operations using arrays with reconfigurable optical buses. *Parallel Algorithms and Applications*, 8(3-4):223-242, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776632233>.
- Papadopoulos:1994:NHA**
- [Pap94] Constantinos V. Papadopoulos. A new hashing algorithm

- for parallel processors. *Parallel Algorithms and Applications*, 4(3-4):223-237, November 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777314733>. This is a *plagiarized* article. See <http://www.sics.se/europar95/plagiarism.html> for details. The original work from which the material in this paper was stolen is due to Thomas J. Sheffler and Randal E. Bryant, CMU report MCUCS-92-172.
- [Pap95] **Papadopoulos:1995:EMA**
Constantinos V. Papadopoulos. Evaluation of multigrid algorithms on message-passing multiprocessors. *Parallel Algorithms and Applications*, ??(??):??, September 1995. CODEN PAAPEC. ISSN 1063-7192. This is believed to be a *plagiarized* article. See <http://www.sics.se/europar95/plagiarism.html> and <http://www-db.stanford.edu/~shiva/SCAM/end.html> for details. The original work from which the material in this paper was stolen has not yet been identified.
- [PAZN96] **Papay:1996:PPP**
J. Papay, T. J. Atherton, M. J. Zemerly, and G. R. Nudd. Performance prediction of parallel self consistent field computation. *Parallel Algorithms and Applications*, 10(1-2):127-143, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220903>.
- [PB95] **Pal:1995:PAD**
Madhumangal Pal and G. P. Bhattacharjee. The parallel algorithms for determining edge-packing and efficient edge dominating sets in interval graphs. *Parallel Algorithms and Applications*, 7(3-4):193-207, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402406>.
- [PB00] **Pagliari:2000:PCS**
A. Pagliaro and U. Becciani. A parallel code for structure detection. *Parallel Algorithms and Applications*, 14(??):1-20, July 2000. CODEN PAAPEC. ISSN 1063-7192.
- [PC01] **Pean:2001:EPT**
Der-Lin Pean and Cheng Chen. Effective parallelization techniques for loop nests with non-uniform dependences. *Parallel Algorithms and Applications*, 16(1):37-64, ??? 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777308746>.
- [PCJR97] **Punyamurtula:1997:CTP**
Swamy Punyamurtula, Vipin Chaudhary, Jialin Ju, and Sumit Roy. Compile time partitioning of nested loop iteration spaces with non-uniform dependences. *Parallel Algorithms and Applications*, 12(1-3):113-141, Jan-

- uary 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a775978206>.
- [PF01] **Petrini:2001:IRU**
 Fabrizio Petrini and Wu-Chun Feng. Improved resource utilization with buffered coscheduling. *Parallel Algorithms and Applications*, 16(2-3):123-144, ??? 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777319806>.
- [Pia03] **Piano:2003:PSL**
 Cristiana Piano. The problem of small and large matrices in parallel matrix multiplication. *Parallel Algorithms and Applications*, 18(1-2):71-89, March/June 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713812546>. Algorithms and applications of parallel numerics (Bratislava, 2000).
- [Pin94] **Pini:1994:TFL**
 G. Pini. Transpose-free Lanczos-type schemes on transputer network. *Parallel Algorithms and Applications*, 3(3-4):249-260, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167060>.
- [Pin97] **Pineo:1997:ECS**
 Patricia Prather Pineo. The efficient creation of single assignment forms from unstruc-
- [Pin02] **Pini:2002:LER**
 Giorgio Pini. Leftmost eigenvalue of real and complex sparse matrices on parallel computer using approximate inverse preconditioning. *Parallel Algorithms and Applications*, 17(1):41-58, ??? 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777803177>.
- [PL94] **Peng:1994:OLS**
 Shietung Peng and Win-Tsung Lo. The optimal location of a structured facility in a tree network. *Parallel Algorithms and Applications*, 2(1-2):43-60, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745441>.
- [Pla99] **Plaks:1999:EMR**
 Toomas P. Plaks. Efficient mapping reductions using isoplanes on the polytope model. *Parallel Algorithms and Applications*, 13(4):321-343, April 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776633663>.
- [Pin02] **Pini:2002:LER**
 Giorgio Pini. Leftmost eigenvalue of real and complex sparse matrices on parallel computer using approximate inverse preconditioning. *Parallel Algorithms and Applications*, 17(1):41-58, ??? 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777803177>.

- [Pla00] **Plaks:2000:ARA**
 Toomas P. Plaks. Advanced regular array design. *Parallel Algorithms and Applications*, 15(3-4):131-135, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776716065>.
- [PLZ98] **Pan:1998:FNN**
 Yi Pan, Keqin Li, and Si-Qing Zheng. Fast nearest neighbor algorithms on a linear array with a reconfigurable pipelined bus system. *Parallel Algorithms and Applications*, 13(1):1-25, January 1998. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776647674>.
- [PMJ99a] **Padmini:1999:LALa**
 M. V. Padmini, B. B. Madan, and B. N. Jain. A linear array for large sparse matrix operations — I. Cholesky factorization. *Parallel Algorithms and Applications*, 13(3):187-215, 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778232860>.
- [PMJ99b] **Padmini:1999:LALb**
 M. V. Padmini, B. B. Madan, and B. N. Jain. A linear array for large sparse matrix operations — II. triangular system solvers and matrix multiplication. *Parallel Algorithms and Applications*, 13(3):217-237, 1999. CODEN PAAPEC.
- [PN96] **Pan:1996:EBT**
 Zhengjun Pan and Lishan Nie. Evolving both the topology and weights of neural networks. *Parallel Algorithms and Applications*, 9(3-4):299-307, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707986>.
- [PS95] **Papadopoulou:1995:MFS**
 Elena Papadopoulou and Yianis Saridakis. Modular fixed-size VLSI architectures for general multisplitting iteration. *Parallel Algorithms and Applications*, 7(3-4):177-191, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402405>.
- [PS99] **Pini:1999:PFE**
 Giorgio Pini and Flavio Sartoretto. A parallel finite element code for nonlinear leaky aquifer systems. *Parallel Algorithms and Applications*, 13(4):345-361, 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776633664>.
- [Pur03] **Purcz:2003:NPA**
 Pavol Purcz. New parallel algorithm and its speed-up for the explicit difference method. *Parallel Algorithms and Applications*, 18(1-2):3-11, March/ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778232861>.

- June 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a716776277>. [QL94]
Algorithms and applications of parallel numerics (Bratislava, 2000).
- [PZ93] Mustafa C. Pinar and Stavros A. Zenios. A comparative study of parallel decompositions for multicommodity flow problems. *Parallel Algorithms and Applications*, 1(4):255–271, ??? 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397697>. **Pinar:1993:CSP**
- [PZ03] E. Loli Piccolomini and F. Zama. An experiment of parallel SPECT data reconstruction. *Parallel Algorithms and Applications*, 18(3):107–119, September 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713812562>. **Piccolomini:2003:EPS**
- [QA94] K. Qiu and S. G. Akl. Load balancing, selection and sorting on the star and pancake interconnection networks. *Parallel Algorithms and Applications*, 2(1–2):27–42, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745440>. **Qiu:1994:LBS**
- Qiming:1994:DDM**
He Qiming and Kang Lishan. The domain decomposition method for multidimensional and large scale nonlinear systems—case of subdomains overlapping. *Parallel Algorithms and Applications*, 4(1–2):77–90, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745101>.
- [QPPJ03] Guo Qingping, Yakup Paker, Dennis Parkinson, and Xiao JinSheng. Network computing performance evaluation in message passing environment. *Parallel Algorithms and Applications*, 18(4):217–224, December 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646635>. **Qingping:2003:NCP**
- [Qsn95a] Enrique S. Quintana, Mercedes Marqu s, and Vicente Hernandez. An efficient parallel Sylvester equation solver based on the Hessenberg–Schur method. *Parallel Algorithms and Applications*, 7(1–2):133–141, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743297>. **Quintana:1995:EPS**
- [Qsn95b] Enrique S. Quintana, Mercedes Marqu s, and Vicente Hernandez. A parallel triangulation method for the Sylvester equation. *Parallel Algorithms and Applications*, 7(1–2):143–151, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743297>. **Quintana:1995:PTS**

- lar Sylvester equation solver based on the Hessenberg–Schur method. *Parallel Algorithms and Applications*, 5(1–2):107–118, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743844>.
- [RDK00] **Rantakokko:1998:FPS**
Jarmo Rantakokko. A framework for partitioning structured grids with inhomogeneous workload. *Parallel Algorithms and Applications*, 13(2):135–151, February 1998. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776661630>.
- [Rao94] **Rao:1994:PSL**
S. Chandra Sekhara Rao. Parallel solution of the linear systems by an alternate quadrant interlocking factorization method. *Parallel Algorithms and Applications*, 4(1–2):1–20, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745096>.
- [Rao96] **Rao:1996:EDU**
Josyula R. Rao. Eventual determinism: Using probabilistic means to achieve deterministic ends. *Parallel Algorithms and Applications*, 8(1):3–19, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400357>.
- Rao:2000:PAB**
S. Chandra Sekhara Rao, Pravir K. Dutt, and Mohan K. Kadalbajoo. A parallel algorithm for banded linear system. *Parallel Algorithms and Applications*, 14(3):235–252, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778235469>.
- [RF00] **Redon:2000:DSP**
Xavier Redon and Paul Feautrier. Detection of scans in the polytope model. *Parallel Algorithms and Applications*, 15(3–4):229–263, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776716069>.
- [RM95] **Renaut:1995:PMO**
R. A. Renaut and H. D. Mittelmann. Parallel multisplittings for optimization. *Parallel Algorithms and Applications*, 7(1–2):17–27, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743288>.
- [RS96] **Rajasekaran:1996:SSD**
S. Rajasekaran and S. Sahni. Sorting and selection on distributed memory bus computers. *Parallel Algorithms and Applications*, 8(3–4):179–193, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400357>.

- www.informaworld.com/smpp/content~content=a776632200.
- Rajasethupathy:1994:TRS**
- [RTDL94] K. S. Rajasethupathy, Gwan-Ming Thio, S. K. Dhall, and S. Lakshmivarahan. Tridiagonalizing a real symmetric matrix: a parallel direct approach using Givens' transformation. *Parallel Algorithms and Applications*, 2(4):305–313, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397563>.
- Sarbazi-Azad:2001:EAC**
- [SAOKM01] H. Sarbazi-Azad, M. Ould-Khaoua, and L. M. Mackenzie. Employing k -ary n -cubes for parallel Lagrange interpolation. *Parallel Algorithms and Applications*, 16(4):283–299, 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777327099>.
- Sosonkina:2002:SAP**
- [SAW02] Masha Sosonkina, Donald C. S. Allison, and Layne T. Watson. Scalability analysis of parallel GMRES implementations. *Parallel Algorithms and Applications*, 17(4):263–284, 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713941500>.
- Stewart:2000:AFD**
- [SCG00] A. Stewart, M. Clint, and J. Gabarró. Axiomatic frame-
- works for developing BSP-style programs. *Parallel Algorithms and Applications*, 14(4):271–292, April 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778714134>.
- Schwandt:1995:PST**
- [Sch95] Hartmut Schwandt. The parallel solution of tridiagonal and block tridiagonal systems of equations by a Schur complement method. *Parallel Algorithms and Applications*, 6(2–3):207–227, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398626>.
- Schaffer:2000:CBM**
- [SCM00] Rainer Schaffer, Francky Catthoor, and Renate Merker. Combining background memory management and regular array co-partitioning, illustrated on a full motion estimation kernel. *Parallel Algorithms and Applications*, 15(3–4):201–228, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776716068>.
- Stratulat:1995:VSM**
- [SE95] S. Stratulat and D. J. Evans. Virtual shared memory machines—an application of pvm. *Parallel Algorithms and Applications*, 7(1–2):143–160, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743298>.

- [SE96] **Shen:1996:NMG** Hong Shen and David J. Evans. A new method for generating integer compositions in parallel. *Parallel Algorithms and Applications*, 9(1-2):101-109, ????. 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744470>.
- [SEY97] **Shen:1997:FTM** Hong Shen, David J. Evans, and Jia You. Fault-tolerant multicast with traffic-balancing in hypercubes. *Parallel Algorithms and Applications*, 11(3-4):287-298, ????. 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742295>.
- [She00] **Shen:2000:OMH** Hong Shen. Optimal multiselection in hypercubes. *Parallel Algorithms and Applications*, 14(3):203-212, ????. 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778235467>.
- [Sim94] **Simos:1994:EPM** T. E. Simos. Efficient parallel methods for special second order ordinary differential equations. *Parallel Algorithms and Applications*, 2(4):245-250, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397558>.
- [SJL⁺94] **Song:1994:EHT** Chang G. Song, Jung-Sing Jwo, S. Lakshmirarahan, S. K. Dhall, John M. Lewis, and Christopher S. Velden. An experiment in hurricane track prediction using parallel computing methods. *Parallel Algorithms and Applications*, 2(4):315-332, ????. 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397564>.
- [SKK04] **Svolos:2004:EBG** Andreas I. Svolos, Charalampos G. Konstantopoulos, and Christos Kaklamanis. Efficient binary and grey level morphological operations on a massively parallel processor. *Parallel Algorithms and Applications*, 19(1):33-50, March 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646639>.
- [Sk102] **Sklyarov:2002:HSM** V. Sklyarov. Hardware/software modeling of FPGA-based systems. *Parallel Algorithms and Applications*, 17(1):19-39, ????. 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777803176>.
- [SM01] **Suri:2001:DPI** Neeraj Suri and Avi Mendelson. Design of a parallel interconnect based on communication pattern considerations.

- Parallel Algorithms and Applications*, 16(4):243–271, ??? 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777327097>. [Spe94]
- Symons:1994:PAP**
- [SNS94] Anthony Symons, V. Lakshmi Narasimhan, and Kurt Sterzl. Performance analysis of a parallel FFT algorithm on a transputer network. *Parallel Algorithms and Applications*, 4(1–2):111–124, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745103>. [SS94a]
- Sogno:1997:JTH**
- [Sog97] Jean-Claude Sogno. The Janus test: A hierarchical algorithm for computing direction and distance vectors. (extended version). *Parallel Algorithms and Applications*, 12(1–3):57–82, ??? 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a775978204>. [SS94b]
- Sahai:1995:PEB**
- [SP95] Akhil Sahai and L. M. Patnaik. Performance evaluation of back-propagation neural network implementation on single program multiple data (SPMD) architecture. *Parallel Algorithms and Applications*, 7(3–4):267–281, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402451>. [SS95]
- Spencer:1994:PAM**
- Thomas H. Spencer. Parallel approximate matching. *Parallel Algorithms and Applications*, 2(1–2):115–121, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745445>.
- Sheu:1994:MAH**
- Jang-Ping Sheu and Ming-Yang Su. A multicast algorithm for hypercube multiprocessors. *Parallel Algorithms and Applications*, 2(4):277–290, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397561>.
- Sinharoy:1994:FOW**
- Balaram Sinharoy and Boleslaw K. Szymanski. Finding optimum wavefront of parallel computation. *Parallel Algorithms and Applications*, 2(1–2):5–26, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745439>.
- Sinharoy:1995:ASI**
- Balaram Sinharoy and Boleslaw K. Szymanski. Announcement of a Special Issue of the Journal of Parallel Algorithms and Applications on Optimising Compilers for Parallel Languages. *Parallel Algorithms and Applications*, 7(3–4):313, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745439>.

- www.informaworld.com/smpp/content~content=a772402454.
Sinharoy:1997:ISI
- [SS97a] Balam Sinharoy and Boleslaw K. Szymanski. Introduction: Special issue on optimising compilers for parallel languages. *Parallel Algorithms and Applications*, 12(1-3):1-4, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a775978201>.
Sinharoy:1997:PCS
- [SS97b] Balam Sinharoy and Boleslaw K. Szymanski. Parallelising compilers and systems. *Parallel Algorithms and Applications*, 12(1-3):5-20, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a775978202>.
Shenoy:1999:ADP
- [SSBK99] U. Nagaraj Shenoy, Y. N. Srikant, V. P. Bhatkar, and Sandeep Kohli. Automatic data partitioning by hierarchical genetic search. *Parallel Algorithms and Applications*, 14(2):119-147, 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777957923>.
Schimmler:2004:BSF
- [SSL04] Manfred Schimmler, Bertil Schmidt, and Hans-Werner Lang. A bit-serial floating-point unit for a massively parallel system on a chip. *Parallel Algorithms and Applications*, 19(2-3):79-95, 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592649>.
Stojmenovic:1993:RBI
- [Sto93] Ivan Stojmenović. Routing and broadcasting on incomplete and Gray code incomplete hypercubes. *Parallel Algorithms and Applications*, 1(3):167-177, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398090>.
Stojmenovi:1994:ISI
- [Sto94] Ivan Stojmenovi. Introduction to the Special Issue of Parallel Algorithms and Applications Devoted to the Parallel Algorithms Minitrack of HICSS-26. *Parallel Algorithms and Applications*, 2(1-2):1-4, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772745438>.
Stoica:1996:TOA
- [Sto96] Ion Stoica. Time-optimal algorithms for generalized dominance computation and related problems on mesh connected computers and meshes with multiple broadcasting. *Parallel Algorithms and Applications*, 8(3-4):271-283, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776632236>.

- [Stp03] **Stpiczynski:2003:FPA**
Przemysław Stpiczyński. Fast parallel algorithm for polynomial evaluation. *Parallel Algorithms and Applications*, 18(4):209–216, December 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646634>.
- [SU03] **Schurer:2003:EAN**
Rudolf Schürer and Andreas Uhl. An evaluation of adaptive numerical integration algorithms on parallel systems. *Parallel Algorithms and Applications*, 18(1–2):27–47, March/June 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713812544>. Algorithms and applications of parallel numerics (Bratislava, 2000).
- [Suk96] **Sukon:1996:TPA**
K. S. Sukon. On two parameter alternating group explicit (TAGE) method for singular perturbation problems. *Parallel Algorithms and Applications*, 10(1–2):71–77, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776220897>.
- [SWC99] **Szularz:1999:RTL**
M. Szularz, J. Weston, and M. Clint. Restarting techniques for the Lanczos algorithm and their implementa-
- [SWMC95] **Szularz:1995:MCL**
M. Szularz, J. Weston, K. Murphy, and M. Clint. Monitoring the convergence of the Lanczos algorithm in parallel computing environments. *Parallel Algorithms and Applications*, 6(4):287–302, September 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772403915>.
- [SWT98] **Shyu:1998:EEX**
Daw-Jong Shyu, Biing-Feng Wang, and Chuan-Yi Tang. Efficient emulations for X-trees and m -ary trees. *Parallel Algorithms and Applications*, 13(2):95–116, February 1998. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776661628>.
- [Tal01] **Talia:2001:MTP**
Domenico Talia. Models and trends in parallel programming. *Parallel Algorithms and Applications*, 16(2–3):145–180, ??? 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777319807>.
- tion in parallel computing environments: Architectural influences. *Parallel Algorithms and Applications*, 14(1):57–77, ??? 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777980765>.

Turner:1996:TDL

- [Td96] Gavin Turner and Heiko Schröder. Token distribution and load balancing on reconfigurable d -dimensional meshes. *Parallel Algorithms and Applications*, 8(3–4):251–269, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776632235>.

Tout:1993:DSD

- [TE93] K. R. Tout and D. J. Evans. Dynamic scheduled data-driven models for parallel expert systems. *Parallel Algorithms and Applications*, 1(4):285–301, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772397700>.

Teng:1996:APA

- [Ten96] S. Teng. Adaptive parallel algorithms for integral knapsack problem. *Parallel Algorithms and Applications*, 8(??):400–406, 1996. CODEN PAAPEC. ISSN 1063-7192.

Tabirca:2002:PIF

- [TFT02] T. Tabirca, L. Freeman, and S. Tabirca. On $O(\log p)$ parallel implementation of feedback guided dynamic loop scheduling. *Parallel Algorithms and Applications*, 17(2):157–164, 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777924086>.

Thune:1993:PAC

- [Thu93] Michael Thuné. A partitioning algorithm for composite grids. *Parallel Algorithms and Applications*, 1(1):69–81, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772399781>.

Thune:1997:PSC

- [Thu97] Michael Thuné. Partitioning strategies for composite grids. *Parallel Algorithms and Applications*, 11(3–4):325–348, 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742297>.

Trobec:2003:NND

- [TJ03] Roman Trobec and Uro Jovanovi. Node-to-node distances in regular d -neighbours topologies. *Parallel Algorithms and Applications*, 18(1–2):91–98, 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a716776279>.

Tsay:1995:NAF

- [TK95] Jong-Chuang Tsay and Jenn-Yang Ke. A new approach to finding optimal linear schedules for uniform dependence algorithms. *Parallel Algorithms and Applications*, 7(1–2):73–86, 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743292>.

- [TOR93] **Tollenaere:1993:DML**
Tom Tollenaere, Guy A. Orban, and Dirk Roose. Decomposition and mapping of locally connected layered neural networks on message-passing multiprocessors. *Parallel Algorithms and Applications*, 1(1):43–56, ??? 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772399756>.
- [TR02] **Taniar:2002:PSH**
David Taniar and J. Wenny Rahayu. Parallel sort-hash object-oriented collection join algorithms for shared-memory machines. *Parallel Algorithms and Applications*, 17(2):85–126, ??? 2002. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777924083>.
- [TRFM95] **Tout:1995:CPP**
K. Tout, J. Ribeiro-Filho, and B. Mignot. A cross-platform parallel genetic algorithms programming environment. *Parallel Algorithms and Applications*, 7(3–4):255–266, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772402450>.
- [Tsa93] **Tsay:1993:MTS**
Jyh-Jong Tsay. Mapping tree-structured computations onto mesh-connected arrays of processors. *Parallel Algorithms and Applications*, 1(3):211–220, ??? 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398093>.
- [TTS00] **Thiele:2000:RSM**
Lothar Thiele, Jürgen Teich, and Karsten Strehl. Regular state machines. *Parallel Algorithms and Applications*, 15(3–4):265–300, ??? 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776716064>.
- [UH97] **Uhl:1997:FIG**
A. Uhl and J. Hämmerle. Fractal image compression on MIMD architectures. I. Basic algorithms. *Parallel Algorithms and Applications*, 11(3–4):187–204, ??? 1997. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772742290>.
- [VMG03] **Vyas:2003:COG**
A. Vyas, R. Maloo, and P. Gupta. Cost-optimal Gaussian elimination algorithm on RCC-FULL. *Parallel Algorithms and Applications*, 18(4):171–180, December 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646631>.
- [VZ03] **Vajtersic:2003:FSP**
Marian Vajtersic and Peter Zinterhof. Foreword: Selected papers from the International Workshop “Parallel

- Numerics" held in Bratislava, September 18–20, 2000. *Parallel Algorithms and Applications*, 18(1–2):1–2, March/June 2003. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713812541>.
Wang:1994:CAPa
- [WBE94a] Deren Wang, Zhongzhi Bai, and D. J. Evans. A class of asynchronous parallel matrix multisplitting relaxation methods. *Parallel Algorithms and Applications*, 2(3):173–192, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401563>.
Wang:1994:CAPb
- [WBE94b] Deren Wang, Zhongzhi Bai, and D. J. Evans. A class of asynchronous parallel non-linear multisplitting relaxation methods. *Parallel Algorithms and Applications*, 2(3):209–228, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401609>.
Wan:1993:SAC
- [WE93] C. R. Wan and D. J. Evans. A systolic architecture for Capon's directions-of-arrival (doa) estimation method. *Parallel Algorithms and Applications*, 1(2):99–114, 1993. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401500>.
Wu:1996:POB
- [WH96] Po-Ting Wu and Elias N. Houstis. Parallel optimization based electronic prototyping of physical parts. *Parallel Algorithms and Applications*, 9(3–4):237–263, 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707982>.
Wilde:2000:LDP
- [Wil00] Doran K. Wilde. A library for doing polyhedral operations. *Parallel Algorithms and Applications*, 15(3–4):137–166, 2000. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776716066>.
Wedler:2001:PIG
- [WL01] Christoph Wedler and Christian Lengauer. On the parallel implementation of a generalized broadcast. *Parallel Algorithms and Applications*, 16(1):65–82, 2001. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a777308747>.
Williams:1994:CCI
- [WMF94] Shirley A. Williams, Philip C. H. Mitchell, and Graham E. Fagg. A cluster computing implementation of a Monte Carlo simulation of a particle growth mechanism. *Parallel Algorithms and Applications*, 4(3–4):275–280, 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772401500>.

- www.informaworld.com/smpp/content~content=a777314737.
- [XPJG94] Liu Xing-Ping and Hu Jiagan. Block vectorizable preconditioned iterative methods. *Parallel Algorithms and Applications*, 3(3-4):239-247, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779167059>.
- [XPJG96] Liu Xing-Ping and Hu Jiagan. Multisplitting preconditioned iterative methods. *Parallel Algorithms and Applications*, 9(1-2):131-144, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772744473>.
- [YE95a] A. R. Yaakub and D. J. Evans. The Runge-Kutta contraharmonic mean method with extrapolation for the parallel solution of O.D.E.'s. *Parallel Algorithms and Applications*, 6(2-3):111-128, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772398621>.
- [YE95b] W. S. Yousif and D. J. Evans. Explicit de-coupled group iterative methods and their parallel implementations. *Parallel Algorithms and Applications*, 7(1-2):53-71, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772743291>.
- [YLE94] Tianruo Yang and Hai Xiang Lin. Solving sparse least squares problems with preconditioned CGLS method on parallel distributed memory computers. *Parallel Algorithms and Applications*, 13(4):289-305, April 1999. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a776633631>.
- [YM04] Xiaofan Yang and Graham M. Megson. On the double-vertex-cycle-connectivity of crossed cubes. *Parallel Algorithms and Applications*, 19(1):11-17, March 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a713646638>.
- [YXZ96] Li Yuanxiang, Zou Xiufen, and Huang Zhangan. Use of

Xing-Ping:1994:BVP**Yang:1999:SSL****Xing-Ping:1996:MPI****Yong:1994:AEA****Yaakub:1995:RKC****Yang:2004:DVC****Yousif:1995:ECG****Yuanxiang:1996:UMS**

multi-scalar analysis for building lattice models of PDE's. *Parallel Algorithms and Applications*, 9(3-4):265-272, ??? 1996. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a778707983>. [ZZ04]

Zhou:1994:EAD

[Zho94] Honbo B. Zhou. An effective approach for distributed program allocation. *Parallel Algorithms and Applications*, 3(1-2):57-71, ??? 1994. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a779202302>.

Zama:1995:EIR

[ZP95] F. Zama and E. Loli Piccolomini. An experiment in image restoration using transputer networks. *Parallel Algorithms and Applications*, 5(3-4):283-292, ??? 1995. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a772400097>.

Zafar:2004:DFD

[ZPBD04] Bilal Zafar, Timothy M. Pinkston, Aurelio Bermúdez, and Jos Duto. Deadlock-free dynamic re-configuration over InfiniBandTM networks. *Parallel Algorithms and Applications*, 19(2-3):127-143, ??? 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592651>.

Zeyao:2004:AMI

Mo Zeyao and Huang Zhengfeng. Application of MPI-IO in parallel particle transport Monte-Carlo simulation. *Parallel Algorithms and Applications*, 19(4):227-236, ??? 2004. CODEN PAAPEC. ISSN 1063-7192. URL <http://www.informaworld.com/smpp/content~content=a714592658>.