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

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References

Abdullah:1996:CSP

[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`.

Al-Ayyoub:2004:CEM

[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. Musmanno. 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`.

Aleksandrov:1993:EET

[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`.

Ala:2000:MME

[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`.

Alaghband:1996:UPP

[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`.

Almeida:1995:PAI

[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`.

Aldinucci:2001:TPP

[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`.

Aden:1995:BCN

[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`.

Akl:1993:PS

[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.

Andronikos:1997:LTP

[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.dsclab.ece.ntua.gr/~nkoziris/papers/jpaa-97-abstract.html; http://www.informaworld.com/smpp/content~content=a772398782.

Akl:1997:PAS

[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.

Alsuwaiyel:2002:IPA

[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. ISSN 1063-7192. URL http://www.informaworld.com/smpp/content~content=a777924085.

Anonymous:1993:PCD

[Ano93] 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.

Anonymous:1994:PAA

[Ano94] 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.

Anonymous:2000:IPC

[Ano00] 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.

Anonymous:2001:E

[Ano01] 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.

Altekar:1994:EPT

[AR94] 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.

Benzi:1995:AMM

[BD95] 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.

Buhusi:1994:BKN

[BE94] 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.

Barulli:1996:IGJ

[BE96] 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.

Bakkaloglu:1997:PPA

[BEK97] B. Bakkaloğlu, 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.

Blaznik:1995:PUT

[BET95] 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.

Bai:1997:CMP

[BEW97] Zhong-Zhi Bai, D. J. Evans, and De-Ren Wang. A class of multi-parameter relaxed parallel multisplitting methods for large sparse linear 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.

Berthome:1994:TOG

[BF94] 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.

Bellis:1997:OSA

[BFM97] Stephen J. Bellis, Peter J. Fish, and William P. Marnane. Optimal systolic arrays for real-time implementation of the modified 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.

Bunnin:2000:PPS

[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.

Bhandarkar:1997:PPC

[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.

Bhalla:2003:PAC

[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.

Bakin:2000:MTD

[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.

Benaini:1994:GWF

[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.

Breshears:1994:MVS

[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).

Bao-Lin:1996:LSP

[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`.

Boglaev:1994:PPC

[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:EAP

[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`.

Benner:2002:NSD

[BQOQO02] Peter Benner, Enrique S. Quintana-Ortí, and Gregorio Quintana-Ortí. Numerical solution of discrete stable linear matrix equations on multicomputers. *Parallel Algorithms and Applications*, 17(2):127–146, ???? 2002. CODEN PAAPEC. ISSN 1063-7192. URL `http://www.informaworld.com/smpp/content~content=a777924084`.

Broggi:1997:GCL

[Bro97] 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

[BT03] 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`.

Badia:1998:PAC

[BV98] J. M. Badía and A. M. Vidal. Parallel algorithms to compute 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.

Becka:1999:BJSa

[BV99a] 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.

Becka:1999:BJSb

[BV99b] 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.

Baolin:1995:AMV

[BW95] 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.

Brown:1994:EPM

[BX94] 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.

Calinescu:1996:BSP

[Cal96] 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.

Clematis:2002:PRA

[CC02] 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.

Chen:1995:PCM

[CCY95] 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 multicommodity 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 multiprocessors. *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 Eğecioğlu, 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=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:BBD

[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.

Chen:1995:RSA

[CS95] 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`.

Chang:1996:TMR

[CT96] 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`.

Celenk:1995:DCL

[CW95] 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`.

Datta:2001:EPR

[Dat01] 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`.

Datta:2001:SSD

[DbT01] 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`.

Deng:2000:ROL

[DD00] 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`.

Deep:1995:RSG

[DE95] 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`.

Douglas:1997:MSF

[DES97] 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 nonlinear 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.

Datta:2004:TPM

[DS04] 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.

Dehne:1995:APA

[DSVF95] 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.

Darte:1997:OAK

[DV97] 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.

Duan:1996:DAD

[DZ96] 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.

Deren:1995:MRM

[DZE95] 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.

Doumpos:2000:MSM

[DZP00] 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.

Evans:1994:PIE

[EA94] 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. Abdullah. 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.

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 Pragya 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 Egecioğlu 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 parallel 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.

Ferreira:19xx:BBI

[FGSxx] 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).

Fidanova:2001:LAC

[Fid01] 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.

Fouliras:1998:PDD

[FM98] 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.

Francomano:1995:RFV

[FML95] 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.

Fulton:1994:PCS

[FPS94] 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.

Friedl:1996:RRB

[FT96] 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.

Fagg:1995:IPP

[FW95] 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. Missirlis. 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 Applica-*

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

[Gol00] 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=a772400091.

Garey:2002:PDC

[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.

Gumel:1997:PSM

[GTA97] A. B. Gumel, E. H. Twizell, and M. A. Arigu. Parallel L_0-stable methods for the multidimensional 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.

Guha:1998:OMA

[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.

Hartley:1997:PSE

[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.

Hassen:1997:HRS

[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.

Hayashi:2002:SPP

[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.

Hsu:1993:OPP

[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.

He:1995:SDD

[HE95] 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.

Han:1996:SAN

[HE96a] 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.

He:1996:MSP

[HE96b] 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.

Henrich:1996:LML

[Hen96] 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. Special Issue on Algorithms for Enhanced Mesh Architectures.

He:1995:CGE

[HKC95] 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.

Hafsteinnson:1994:SLS

[HLM94] Hjálmtyýr Hafsteinnson, Roni Levkovitz, 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.

Hu:1995:DIP

[HLN95] 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.

Hu:1997:AMN

[HNL97a] Jie Hu, Tadao Nakamura, and Lei Li. Asynchronous monotone 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.

Hu:1997:CCS

[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.

Holmgren:2002:PPS

[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.

Horng:1994:PDC

[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.

Heydemann:1996:ECB

[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.

Haridas:2004:FIC

[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.

Jianxin:1996:LDP

[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.

Johnson:1994:PAS

[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 Jungkwon 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 updating 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=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=a713601710.

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`.

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`.

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`.

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`.

Levene:1993:MLF

[LL93] 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

[LM98] 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.

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

[LQ96] 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 Veysel 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 eigensolutions 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 multisplitting 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 Applications*, 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 multisplittings 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.

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.

Manolakos:2000:SSP

[MS00a] 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.

Myoupo:2000:EPA

[MS00b] 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.

Michaelson:2001:NAS

[MSBK01] 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.

Maniatty:19xx:SME

[MSCSxx] Bill Maniatty, Boleslaw K. Szymanski, Tom Caraco, and Balaram Sinharoy. Spatial modeling of epidemics on parallel machines. *Parallel Algorithms and Applications*, ??(??):??, ???? 19xx. CODEN PAAPEC. ISSN 1063-7192.

Moriarty:1994:HSM

[MST94] 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.

Missirlis:1995:PBM

[MT95] 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.

Missirlis:1997:HMS

[MT97] 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, ???? 1997. CODEN PAAPEC. ISSN 1063-7192. URL http://www.informaworld.com/smpp/content~content=a772742293.

Mocnik:2003:ILB

[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.

McMahon:2000:DGA

[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.

Nakano:1996:CCH

[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

[NB99] 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

[ND94] 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

[Nik96] 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

[OA94] 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=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:PFP

[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 MCU-CS-92-172.

Papadopoulos:1995:EMA

[Pap95] 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.

Papay:1996:PPP

[PAZN96] 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.

Pal:1995:PAD

[PB95] 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.

Pagliaro:2000:PCS

[PB00] 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.

Pean:2001:EPT

[PC01] 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.

Punyamurtula:1997:CTP

[PCJR97] 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, January 1997. CODEN PAAPEC. ISSN 1063-7192. URL http://www.informaworld.com/smpp/content~content=a775978206.

Petrini:2001:IRU

[PF01] 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.

Piano:2003:PSL

[Pia03] 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).

Pini:1994:TFL

[Pin94] 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.

Pineo:1997:ECS

[Pin97] Patricia Prather Pineo. The efficient creation of single assignment forms from unstructured code. *Parallel Algorithms and Applications*, 12(1–3):143–163, February 1997. CODEN PAAPEC. ISSN 1063-7192. URL http://www.informaworld.com/smpp/content~content=a775978207.

Pini:2002:LER

[Pin02] 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.

Peng:1994:OLS

[PL94] 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.

Plaks:1999:EMR

[Pla99] 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.

Plaks:2000:ARA

[Pla00] 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.

Pan:1998:FNN

[PLZ98] 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.

Padmini:1999:LALa

[PMJ99a] 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.

Padmini:1999:LALb

[PMJ99b] 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. ISSN 1063-7192. URL http://www.informaworld.com/smpp/content~content=a778232861.

Pan:1996:EBT

[PN96] 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.

Papadopoulou:1995:MFS

[PS95] Elena Papadopoulou and Yiannis 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.

Pini:1999:PFE

[PS99] 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.

Purcz:2003:NPA

[Pur03] Pavol Purcz. New parallel algorithm and its speed-up for the explicit difference method. *Parallel Algorithms and Applications*, 18(1–2):3–11, March/

June 2003. CODEN PAAPEC. ISSN 1063-7192. URL http://www.informaworld.com/smpp/content~content=a716776277. Algorithms and applications of parallel numerics (Bratislava, 2000).

Pinar:1993:CSP

[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.

Piccolomini:2003:EPS

[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.

Qiu:1994:LBS

[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.

Qiming:1994:DDM

[QL94] 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.

Qingping:2003:NCP

[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.

Quintana:1995:EPS

[Qsn95a] Enrique S. Quintana, Mercedes Marqu s, and Vicente Hern ndez. 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:PTS

[Qsn95b] Enrique S. Quintana, Mercedes Marqu s, and Vicente Hern ndez. A parallel triangular 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.

Rantakokko:1998:FPS

[Ran98] 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.

Rao:1994:PSL

[Rao94] 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.

Rao:1996:EDU

[Rao96] 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

[RDK00] 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.

Redon:2000:DSP

[RF00] 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.

Renaut:1995:PMO

[RM95] 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.

Rajasekaran:1996:SSD

[RS96] 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=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 frameworks 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 copartitioning, 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.

Shen:1996:NMG

[SE96] 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.

Shen:1997:FTM

[SEY97] 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.

Shen:2000:OMH

[She00] 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.

Simos:1994:EPM

[Sim94] 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.

Song:1994:EHT

[SJL+94] Chang G. Song, Jung-Sing Jwo, S. Lakshmivarahan, 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.

Svolos:2004:EBG

[SKK04] 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.

Sklyarov:2002:HSM

[Skl02] 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.

Suri:2001:DPI

[SM01] 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.

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.

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.

Sahai:1995:PEB

[SP95] Akhil Sahai and L. M. Patnaik. Performance evaluation of backpropagation 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.

Spencer:1994:PAM

[Spe94] 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

[SS94a] 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

[SS94b] 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

[SS95] 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=a772402454.

Sinharoy:1997:ISI

[SS97a] Balaram 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] Balaram 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.

Stpiczynski:2003:FPA

[Stp03] 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.

Schurer:2003:EAN

[SU03] 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).

Sukon:1996:TPA

[Suk96] 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.

Szularz:1999:RTL

[SWC99] M. Szularz, J. Weston, and M. Clint. Restarting techniques for the Lanczos algorithm and their implementation 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.

Szularz:1995:MCL

[SWMC95] 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.

Shyu:1998:EEX

[SWT98] 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.

Talia:2001:MTP

[Tal01] 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.

Turner:1996:TDL

[Td96] Gavin Turner and Heiko Schr der. 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. Adaptative 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.

Tollenaere:1993:DML

[TOR93] 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.

Taniar:2002:PSH

[TR02] 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.

Tout:1995:CPP

[TRFM95] 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.

Tsay:1993:MTS

[Tsa93] 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.

Thiele:2000:RSM

[TTS00] 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.

Uhl:1997:FIC

[UH97] 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.

Vyas:2003:COG

[VMG03] 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.

Vajtersic:2003:FSP

[VZ03] Marian Vajteršic 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 nonlinear 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=a777314737.

Xing-Ping:1994:BVP

[XPJG94] Liu Xing-Ping and Hu Jia-Gan. 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.

Xing-Ping:1996:MPI

[XPJG96] Liu Xing-Ping and Hu Jia-Gan. 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.

Yaakub:1995:RKC

[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.

Yousif:1995:ECG

[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.

Yang:1999:SSL

[YL99] 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.

Yong:1994:AEA

[YLE94] Liu Yong, Kang Lishan, and D. J. Evans. The annealing evolution algorithm. *Parallel Algorithms and Applications*, 3(1–2):145–150, ???? 1994. CODEN PAAPEC. ISSN 1063-7192. URL http://www.informaworld.com/smpp/content~content=a779202348.

Yang:2004:DVC

[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.

Yuanxiang:1996:UMS

[YXZ96] Li Yuanxiang, Zou Xiufen, and Huang Zhangcan. Use of 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.

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 Duato. Deadlock-free dynamic reconfiguration over InfiniBand^{TM} 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

[ZZ04] 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.