

## References

- [1] Juan C. Agüí and Javier Jiménez. A binary tree implementation of a parallel distributed tridiagonal solver. *Parallel Computing*, 21(2):233–241, 1995.
- [2] Gita Alaghband. Parallel sparse matrix solution and performance. *Parallel Computing*, 21(9):1407–1430, 1995.
- [3] Tom Altman, Yoshihide Igarashi, and Koji Obokata. Hyper-ring connection machines. *Parallel Computing*, 21(8):1327–1338, 1995.
- [4] Pierluigi Amodio and Luigi Brugnano. the parallel qr facatorization algorithm for tridiagonal linear systems. *Parallel Computing*, 21(7):1097–1110, 1995.
- [5] A. Asenov, D. Reid, and J.R. Barker. Speed-up of scalable iterative linear solvers implemented on an array of transputers. *Parallel Computing*, 21(4):669–682, 1995.
- [6] A. Averbuch, M. Israeli, and L. Vozovoi. Parallel implementatin of non-linear evolution problems using parabolic domain decomposition. *Parallel Computing*, 21(7):1151–1183, 1995.
- [7] N.M. Bahoshy and D.J. Evans. A general harness for explicit parallel programming. *Parallel Computing*, 21(4):607–617, 1995.
- [8] H.R. Barada. Modular matrix computations on multi-linear vlsi arrays. *Parallel Computing*, 21(8):1269–1284, 1995.
- [9] Fotis Barlos and Ophir Frieder. A load balanced multicomputer relational database system for highly skewed data. *Parallel Computing*, 21(9):1451–1483, 1995.
- [10] S.R.M. Barros, D. Dent, L. Isaksen, G. Robinson, G. Mozdzynski, and F. Wollenweber. The ifs model: A parallel production weather code. *Parallel Computing*, 21(10):1621–1638, 1995.
- [11] Bassem F. Beidas and George P. Papavassilopoulos. Distributed asynchronous algorithms with stochastic delays for constrained optimization problems with conditions of time drift. *Parallel Computing*, 21(9):1431–1450, 1995.

- [12] M.P. Bekakos. A notational approach to formulation of systolic array programs. *Parallel Computing*, 21(4):619–626, 1995.
- [13] Claus Bendtsen, Per Christian Hansen, Kaj Madsen, Hans Bruun Nielsen, and Mustafa Pinar. Implementation of qr up- and downdating on a massively parallel computer. *Parallel Computing*, 21(1):49–61, 1995.
- [14] Michael W. Berry, Jack J. Dongarra, and Yongbae Kim. A parallel algorithm for the reduction of a nonsymmetric matrix to block upper-hessenberg form. *Parallel Computing*, 21(8):1189–1211, 1995.
- [15] Suchendra M. Bhandarkar and Hamid R. Arabnia. The refine multi-processor — theoretical properties and algorithms. *Parallel Computing*, 21(11):1783–1805, 1995.
- [16] J. Błażewicz and M. Drozdowski. Scheduling divisible jobs on hypercubes. *Parallel Computing*, 21(12):1945–1956, 1995.
- [17] Rainer Bleck, Sumner Dean, Matthew O’Keefe, and Aaron Sawdey. A comparison of data-parallel and message-passing versions of the miami isopycnic coordinate ocean model (micom). *Parallel Computing*, 21(10):1695–1720, 1995.
- [18] Tilmann Bönniger, Rüdiger Esser, and Dietrich Krekel. Cm-5e, ksr2, paragon xp/s: A comparative description of massively parallel computers. *Parallel Computing*, 21(2):199–232, 1995.
- [19] Rolf Borgeest, Bernward Dimke, and Olav Hansen. A trace based performance evaluation tool for parallel real time systems. *Parallel Computing*, 21(4):551–564, 1995.
- [20] M. Briscolini. A parallel implementation of a 3-d pseudospectral based code on the ibm 9076 scalable powerparallel system. *Parallel Computing*, 21(11):1849–1862, 1995.
- [21] John Brown, Jerzy Waśniewski, and Zahari Zlatev. Running air pollution models on massively parallel machines. *Parallel Computing*, 21(6):971–991, 1995.

- [22] M. Cannataro, S. Di Gregorio, R. Rongo, W. Spataro, G. Spezzano, and D. Talia. A parallel cellular automata environment on multicomputers for computational science. *Parallel Computing*, 21(5):803–823, 1995.
- [23] G. Casciola and S. Morigi. Graphics in parallel computation for rendering 3d modelled scenes. *Parallel Computing*, 21(8):1365–1382, 1995.
- [24] Tony F. Chan and Jian Ping Shao. Parallel complexity of domain decomposition methods and optimal coarse grid size. *Parallel Computing*, 21(7):1033–1049, 1995.
- [25] Ling Chen and Henry Y.H. Chuang. An efficient algorithm for complete euclidean distance transform on mesh-connected simd. *Parallel Computing*, 21(5):841–852, 1995.
- [26] Jaeyoung Choi, Jack J. Dongarra, and David W. Walker. Parallel matrix transpose algorithms on distributed memory concurrent computers. *Parallel Computing*, 21(9):1387–1405, 1995.
- [27] S. Crivelli and E.R. Jessup. The cost of eigenvalue computation on distributed-memory mimd multiprocessors. *Parallel Computing*, 21(3):401–422, 1995.
- [28] Pasqua D’Ambra and Giulio Giunta. Concurrent banded cholesky factorization on workstation networks using pvm. *Parallel Computing*, 21(3):487–494, 1995.
- [29] Sergio De Agostino. A parallel decoding algorithm for lz2 data compression. *Parallel Computing*, 21(12):1957–1961, 1995.
- [30] J. De Keyser and D. Roose. Run-time load balancing techniques for a parallel unstructured multi-grid euler solver with adaptive grid refinement. *Parallel Computing*, 21(2):179–198, 1995.
- [31] A. De Matteis and S. Pagnutti. Controlling correlations in parallel monte carlo. *Parallel Computing*, 21(1):73–84, 1995.
- [32] M.A. de Rosa, G. Giunta, and M. Rizzardi. Parallel talbot’s algorithm for distributed memory machines. *Parallel Computing*, 21(5):783–801, 1995.

- [33] T. Dehn, M. Eiermann, K. Giebermann, and V. Sperling. Structured sparse matrix-vector multiplication on massively parallel simd architectures. *Parallel Computing*, 21(12):1867–1894, 1995.
- [34] F. Desprez and B. Tourancheau. Basic routines for the rank-2k update: 2d torus vs reconfigurable network. *Parallel Computing*, 21(3):353–372, 1995.
- [35] Frederic Desprez and Marc Garbey. Numerical simulation of a combustion problem on a paragon machine. *Parallel Computing*, 21(3):495–508, 1995.
- [36] Murray Dow. Transposing a matrix on a vector computer. *Parallel Computing*, 21(12):1997–2005, 1995.
- [37] John Drake and Ian Foster. Introduction to the special issue on parallel computing in climate and weather modeling. *Parallel Computing*, 21(10):1539–1544, 1995.
- [38] John Drake, Ian Foster, John Michalakes, Brian Toonen, and Patrick Worley. Design and performance of a scalable parallel community climate model. *Parallel Computing*, 21(10):1571–1591, 1995.
- [39] Howard C. Elman and Dennis K.-Y. Lee. Use of linear algebra kernels to build an efficient finite element solver. *Parallel Computing*, 21(1):161–173, 1995.
- [40] Hugo Embrechts and Dirk Roose. Mimd divide-and-conquer algorithms for the distance transformation — part i: City block distance. *Parallel Computing*, 21(7):1051–1076, 1995.
- [41] Hugo Embrechts and Dirk Roose. Mimd divide-and-conquer algorithms for the distance transformation — part ii: Chamfer 3-4 distance. *Parallel Computing*, 21(7):1077–1096, 1995.
- [42] D.J. Evans and S.A. Amin. Systolic algorithms for digital image filtering. *Parallel Computing*, 21(1):109–119, 1995.
- [43] Paraskevas Evripidou and Jean-Luc Gaudiot. Incorporating input/output operations into dynamic data-flow graphs. *Parallel Computing*, 21(8):1285–1311, 1995.

- [44] N. Floros and J.S. Reeve. Evaluation of a spectral element cfd code on parallel architectures. *Parallel Computing*, 21(7):1137–1150, 1995.
- [45] N. Floros, J.S. Reeve, J. Clinckemaille, S. Vlachoutsis, and G. Lonsdale. Comparative efficiencies of domain decompositions. *Parallel Computing*, 21(11):1823–1835, 1995.
- [46] J.P. Geschiere and H.A.G. Wijshoff. Exploiting large grain parallelism in a sparse direct linear system solver. *Parallel Computing*, 21(8):1339–1364, 1995.
- [47] Gerhard Globisch. On an automatically parallel generation technique for tetrahedral meshes. *Parallel Computing*, 21(12):1979–1995, 1995.
- [48] Gerhard Globisch. Parmesh — a parallel mesh generator. *Parallel Computing*, 21(3):509–524, 1995.
- [49] James J. Hack, James M. Rosinski, David L. Williamson, Byron A. Boville, and John E. Truesdale. Computational design of the near community climate model. *Parallel Computing*, 21(10):1545–1569, 1995.
- [50] Susanne E. Hambruch, Farooq Hameed, and Ashfaq A. Khokhar. Communication operations on coarse-grained mesh architectures. *Parallel Computing*, 21(5):731–751, 1995.
- [51] Steven W. Hammond, Richard D. Loft, John M. Dennis, and Richard K. Sato. Implementation and performance issues of a massively parallel atmospheric model. *Parallel Computing*, 21(10):1593–1619, 1995.
- [52] Mats Holmström. Parallellizing the fast wavelet transform. *Parallel Computing*, 21(11):1837–1848, 1995.
- [53] Philip W. Jones, Christopher L. Kerr, and Richard S. Hemler. Practical considerations in development of a parallel skyhi general circulation model. *Parallel Computing*, 21(10):1677–1694, 1995.
- [54] Arkady Kanevsky and Chao Feng. On the embedding of cycles in pancake graphs. *Parallel Computing*, 21(6):923–936, 1995.

- [55] Tzong-Wann Kao and Shi-Jinn Horng. Optimal algorithms for computing articulation points and some related problems on a circular-arc graph. *Parallel Computing*, 21(6):953–969, 1995.
- [56] G.A. Kohring. Dynamic load balancing for parallelized particle simulations on mimd computers. *Parallel Computing*, 21(4):683–693, 1995.
- [57] K.G. Kumar and D.B. Skillicorn. Data parallel geometric operations on lists. *Parallel Computing*, 21(3):447–459, 1995.
- [58] Vamsee Lakamsani, Laxmi N. Bhuyan, and D. Scott Linthicum. Mapping molecular dynamics computations on to hypercubes. *Parallel Computing*, 21(6):993–1013, 1995.
- [59] Chi-kin Lee and Mounir Hamdi. Parallel image processing applications on a network of workstations. *Parallel Computing*, 21(1):137–160, 1995.
- [60] PeiZong Lee. Techniques for compiling programs on distributed memory multicomputers. *Parallel Computing*, 21(12):1895–1923, 1995.
- [61] E. Lega, H. Scholl, J.-M. Alimi, A. Bijaoui, and P. Bury. A parallel algorithm for structure detection based on wavelet and segmentation analysis. *Parallel Computing*, 21(2):265–285, 1995.
- [62] Samir W. Mahfoud and David E. Goldberg. Parallel recombinative simulated annealing: A genetic algorithm. *Parallel Computing*, 21(1):1–28, 1995.
- [63] Zaher Mahjoub and Mohamed Jemni. Restructuring and parallelizing a static conditional loop. *Parallel Computing*, 21(2):339–347, 1995.
- [64] Jun Makino and Osamu Miyamura. Parallelized feedback shift register generators of pseudorandom numbers. *Parallel Computing*, 21(6):1015–1028, 1995.
- [65] Sathiamoorthy Manoharan and Nigel P. Topham. An assessment of assignment schemes for dependency graphs. *Parallel Computing*, 21(1):85–107, 1995.
- [66] K.G. Margaritis. On the systolic implementation of associative memory artificial neural networks. *Parallel Computing*, 21(5):825–840, 1995.

- [67] Pontus Matstoms. Parallel sparse qr factorization on shared memory architectures. *Parallel Computing*, 21(3):473–486, 1995.
- [68] Nathan Mattor, Timothy J. Williams, and Dennis W. Hewett. Algorithm for solving tridiagonal matrix problems in parallel. *Parallel Computing*, 21(11):1769–1782, 1995.
- [69] Marek T. Michalewicz and Mark Priebatsch. Perfect scaling of the electronic structure problem on a simd architecture. *Parallel Computing*, 21(5):853–870, 1995.
- [70] M.Y. Mohd-Saman and D.J. Evans. Inter-procedural analysis for parallel computing. *Parallel Computing*, 21(2):315–338, 1995.
- [71] D. Moncrieff, R.E. Overill, and S. Wilson.  $\alpha_{critical}$  for parallel processors. *Parallel Computing*, 21(3):467–471, 1995.
- [72] Dieter Müller-Wichards and Wolfgang Rönsch. Scalability of algorithms: An analytic approach. *Parallel Computing*, 21(6):937–952, 1995.
- [73] F.J. Muniz and E.J. Zaluska. Parallel load-balancing: An extension to the gradient model. *Parallel Computing*, 21(2):287–301, 1995.
- [74] Umpei Nagashima, Sachiko Hyugaji, Satoshi Sekiguchi, Mitsuhiro Sato, and Haruo Hosoya. An experience with super-linear speedup achieved by parallel computing on a workstation cluster: Parallel calculation of density of states of large scale cyclic polyacenes. *Parallel Computing*, 21(9):1491–1504, 1995.
- [75] L. Nicastro and N. D’Amico. An optimized mass storage fft for vector computers. *Parallel Computing*, 21(3):423–432, 1995.
- [76] David M. Nicol. Noncommittal barrier synchronization. *Parallel Computing*, 21(4):529–549, 1995.
- [77] Y. Notay. An efficient parallel discrete pde solver. *Parallel Computing*, 21(11):1725–1748, 1995.
- [78] Clark F. Olson. Parallel algorithms for hierarchical clustering. *Parallel Computing*, 21(8):1313–1325, 1995.

- [79] Jörg-Thomas Pfennig and Christoph Moll. Optimized communication patterns on workstation clusters. *Parallel Computing*, 21(3):373–388, 1995.
- [80] L.F. Romero and E.L. Zapato. Data distributions for sparse matrix vector multiplication. *Parallel Computing*, 21(4):583–605, 1995.
- [81] Edward Rothberg. Alternatives for solving sparse triangular systems on distributed-memory multiprocessors. *Parallel Computing*, 21(7):1121–1136, 1995.
- [82] Kai Rothe and Heinrich Voss. A fully parallel condensation method for generalized eigenvalue problems on distributed memory computers. *Parallel Computing*, 21(6):907–921, 1995.
- [83] Dilip K Saikia and Ranjan K Sen. Order preserving communication on a star network. *Parallel Computing*, 21(5):771–782, 1995.
- [84] Shuichi Sakai, Yuetsu Kodama, Mitsuhsa Sato, Andrew Shaw, Hiroshi Matsuoka, Hideo Hirono, Kazuaki Okamoto, and Takashi Yokota. Reduced interprocessor-communication architecture and its implementation on em-4. *Parallel Computing*, 21(5):753–769, 1995.
- [85] Robert B. Schnabel. A view of the limitations, opportunities, and challenges in parallel nonlinear optimization. *Parallel Computing*, 21(6):875–905, 1995.
- [86] Chandra N. Sekharan, Vineet Goel, and R. Sridhar. Load balancing methods for ray tracing and binary tree computing using pvm. *Parallel Computing*, 21(12):1963–1978, 1995.
- [87] J.G. Sela. Weather forecasting on parallel architectures. *Parallel Computing*, 21(10):1639–1654, 1995.
- [88] Hong Shen. An efficient permutation-based parallel algorithm for range-join in hypercubes. *Parallel Computing*, 21(2):303–313, 1995.
- [89] Chang Shu and Hilary Buxton. Parallel path planning on the distributed array processor. *Parallel Computing*, 21(11):1749–1767, 1995.
- [90] T.H.C. Smith and G.L. Thompson. A parallel implementation of the column subtraction algorithm. *Parallel Computing*, 21(1):63–71, 1995.



- [91] R. Sridhar and N. Chandrasekharan. Highly parallelizable problems on sorted intervals. *Parallel Computing*, 21(3):433–446, 1995.
- [92] Xian-He Sun. Application and accuracy of the parallel diagonal dominant algorithm. *Parallel Computing*, 21(8):1241–1267, 1995.
- [93] Kuninobu Tanno, Toshihiro Taketa, and Susumu Horiguchi. Parallel fft algorithms using radix 4 butterfly computation on an eight-neighbor processor array. *Parallel Computing*, 21(1):121–136, 1995.
- [94] Takuya Terasawa, Ou Yamamoto, Tomohiro Kudoh, and Hidedaru Amano. A performance evaluation of the multiprocessor testbed attempt-0. *Parallel Computing*, 21(5):701–730, 1995.
- [95] Jesper Larsson Träff. An experimental comparison of two distributed single-source shortest path algorithms. *Parallel Computing*, 21(9):1505–1532, 1995.
- [96] C. Trefftz, C.C. Huang, P.K. McKinley, T.-Y. Li, and Z. Zeng. A scalable eigenvalue solver for symmetric tridiagonal matrices. *Parallel Computing*, 21(8):1213–1240, 1995.
- [97] Ramachandran Vaidyanathan and Anand Padmanabhan. Bus-based networks for fan-in and uniform hypercube algorithms. *Parallel Computing*, 21(11):1807–1821, 1995.
- [98] R. Van Driessche and D. Roose. An improved spectral bisection algorithm and its application to dynamic load balancing. *Parallel Computing*, 21(1):29–48, 1995.
- [99] Emmanouel A. Varvarigos and Dimitri P. Bertsekas. Transposition of banded matrices in hypercubes: A nearly isotropic task. *Parallel Computing*, 21(2):243–264, 1995.
- [100] Akiyoshi Wakatani and Michael Wolfe. Optimization of array redistribution for distributed memory multicomputers. *Parallel Computing*, 21(9):1485–1490, 1995.
- [101] M.F. Wehner, A.A. Mirin, P.G. Eltgroth, W.P. Dannevik, C.R. Mechoso, J.D. Farrara, and J.A. Spahr. Performance of a distributed memory finite difference atmospheric general circulation model. *Parallel Computing*, 21(10):1655–1675, 1995.

- [102] Zhaofang Wen. Fast parallel algorithms for the maximum sum problem. *Parallel Computing*, 21(3):461–466, 1995.
- [103] P. Yalamov and D.J. Evans. The wz matrix factorisation method. *Parallel Computing*, 21(7):1111–1120, 1995.
- [104] C.S. Yang, Y.M. Tsai, S.L. Chi, and Shepherd S.B. Shi. Adaptive wormhole routing in  $k$ -ary  $n$ -cubes. *Parallel Computing*, 21(12):1925–1943, 1995.
- [105] Liu Yong, Kang Lishan, and D.J. Evans. The annealing evolution algorithm as function optimizer. *Parallel Computing*, 21(3):389–400, 1995.
- [106] Xiaodong Zhang. Parallelizing an oil refining simulation: Numerical methods, implementations and experience. *Parallel Computing*, 21(4):627–647, 1995.
- [107] Bai Zhongzhi, Wang Deren, and D.J. Evans. Models of asynchronous parallel matrix multisplitting relaxed iterations. *Parallel Computing*, 21(4):565–582, 1995.
- [108] Albert Y. Zomaya. Parallel processing for robot dynamics computations. *Parallel Computing*, 21(4):649–668, 1995.