References

[1] Manfred Alef. Concepts for efficient multigrid implementation on suprenum-like architectures. *Parallel Computing*, 17(1):1–16, 1991.

[2] Sunil Arvindam, Vipin Kumar, V. Nageshwara Rao, and Vineet Singh. Automatic test pattern generation on parallel processors. *Parallel Computing*, 17(12):1323–1342, 1991.

[3] G. Bader and E. Gehrke. On the performance of transputer networks for solving linear systems of equations. *Parallel Computing*, 17(12):1397–1407, 1991.

[4] E. Bampis, J.C. Konig, and D. Trystram. Impact of communications on the complexity of the parallel gaussian elimination. *Parallel Computing*, 17(1):55–61, 1991.

[5] Ilan Bar-On. Efficient logarithmic time parallel algorithms for the cholesky decomposition and gram-schmidt process. *Parallel Computing*, 17(4-5):409–417, 1991.

[6] M. Berry, G. Cybenko, and J. Larson. Scientific benchmark characterizations. *Parallel Computing*, 17(10-11):1173–1194, 1991.

[7] Dimitri P. Bertsekas and David A. Castañon. Parallel synchronous and asynchronous implementations of the auction algorithm. *Parallel Computing*, 17(6-7):707–732, 1991.

[8] Stefan Bondeli. Divide and conquer: A parallel algorithm for the solution of a tridiagonal linear system of equations. *Parallel Computing*, 17(4-5):419–434, 1991.

[9] L. Brugnano. A parallel solver for tridiagonal linear systems for distributed memory parallel computers. *Parallel Computing*, 17(9):1017–1023, 1991.

[10] Emmanuel D. Chajakis and Stavros A. Zenios. Synchronous and asynchronous implementations of relaxation algorithms for nonlinear network optimization. *Parallel Computing*, 17(8):873–894, 1991.

[11] A. Chakraborty, D.C.S. Allison, C.J. Ribbens, and L.T. Watson. Note on unit tengent vector computation for homotopy curve tracking on a hypercube. *Parallel Computing*, 17(12):1385–1395, 1991.

[12] Gen-Huey Chen and Maw-Sheng Chern. Synthesis of algorithms on processor arrays. *Parallel Computing*, 17(2-3):279–284, 1991.

[13] Wen-Tsuen Chen and Ming-Yi Fang. An efficient procedure for theorem proving in propositional logic on vector computers. *Parallel Computing*, 17(9):983–995, 1991.

[14] Yoon-Hwa Choi. Reconfigurable vlsi/wsi multipipelines. *Parallel Computing*, 17(8):941–952, 1991.

[15] A. Corana, A. Casaleggio, C. Rolando, and S. Ridella. Efficient computation of the correlation dimension from a time series on liw computer. *Parallel Computing*, 17(6-7):809–820, 1991.

[16] Sajal K. Das and Cui-Qing Yang. Performance of parallel spanning tree algorithms on linear arrays of transputers and unix systems. *Parallel Computing*, 17(4-5):527–551, 1991.

[17] A. de Gloria and P. Faraboschi. A boltzmann machine approach to code optimization. *Parallel Computing*, 17(9):969–982, 1991.

[18] Ulrich Detert and Gerd Hofemann. Cray x-mp and y-mp memory performance. *Parallel Computing*, 17(4-5):579–590, 1991.

[19] Kaivalya M. Dixit. The spec benchmarks. *Parallel Computing*, 17(10-11):1195–1209, 1991.

[20] Jack Dongarra, Mark Furtney, Steve Reinhardt, and Jerry Russell. Parallel loops — a test suite for parallelizing compilers: Description and example results. *Parallel Computing*, 17(10-11):1247–1255, 1991.

[21] T.H. Dunigan. Performance of the intel ipsc/860 and ncube 6400 hypercubes. *Parallel Computing*, 17(10-11):1285–1302, 1991.

[22] Witold Dzwinel. The search for an optimal multiprocessor interconnection network. *Parallel Computing*, 17(1):95–100, 1991.

[23] Jocelyne Erhel, Alice Traynard, and Marina Vidrascu. An element-by-element preconditioned conjugate gradient method implemented on a vector computer. *Parallel Computing*, 17(9):1051–1065, 1991.

[24] Yves Escaig and Wilfried Oed. Analysis tools for micro-and auto-tasking programs on cray multiprocessor systems. *Parallel Computing*, 17(12):1425–1433, 1991.

[25] D.J. Evans. The parallel age method for the elliptic problem in two dimensions. *Parallel Computing*, 17(8):925–940, 1991.

[26] D.J. Evans and S. Chikohora. The alternating group explicit (age) method on a transputer network. *Parallel Computing*, 17(6-7):833–843, 1991.

[27] D.J. Evans and Wang Deren. An asynchronous parallel algorithm for solving a class of nonlinear simultaneous equations. *Parallel Computing*, 17(2-3):165–180, 1991.

[28] D.J. Evans and M.D. Levin. A matrix-squaring variant of the power method on the dap. *Parallel Computing*, 17(1):49–54, 1991.

[29] Dror G. Feitelson. Deadlock detection without wait-for graphs. *Parallel Computing*, 17(12):1377–1383, 1991.

[30] Dietrich Fischer. On superlinear speedups. *Parallel Computing*, 17(6-7):695–697, 1991.

[31] E. Francomano, A. Pecorella, and A. Tortorici Macaluso. Parallel experience on the inverse matrix computation. *Parallel Computing*, 17(8):907–912, 1991.

[32] T.L. Freeman and M.K. Bane. Asynchronous polynomial zero-finding algorithms. *Parallel Computing*, 17(6-7):673–681, 1991.

[33] I. Gohberg, I. Koltracht, A. Averbuch, and B. Shoham. Timing analysis of a parallel algorithm for toeplitz matrices on a mimd parallel machine. *Parallel Computing*, 17(4-5):563–577, 1991.

[34] Charles M. Grassl. Parallel performance of applications on supercomputers. *Parallel Computing*, 17(10-11):1257–1273, 1991.

[35] Joachim Hagemann. Combinatorial structures for multiprocessor-systems. *Parallel Computing*, 17(6-7):699–706, 1991.

[36] J.-Fr. Hake and W. Homberg. The impact of memory organization on the performance of matrix calculations. *Parallel Computing*, 17(2-3):311–327, 1991.

[37] Anthony J.G. Hey. The genesis distributed memory benchmarks. *Parallel Computing*, 17(10-11):1275–1283, 1991.

[38] Stephan Heydorn and Peter Weidner. Optimization and performance analysis of thinning algorithms on parallel computers. *Parallel Computing*, 17(1):17–27, 1991.

[39] Roger Hockney. Performance parameters and benchmarking of supercomputers. *Parallel Computing*, 17(10-11):1111–1130, 1991.

[40] Nobumitsu Honjou, Kazumasa Ohtsuki, Masahiro Sekiya, and Fukashi Sasaki. A parallelization technique for the speedup of configuration interaction computing. *Parallel Computing*, 17(2-3):297–310, 1991.

[41] Susumu Horiguchi. Hybrid systolic sorters. *Parallel Computing*, 17(9):997–1007, 1991.

[42] Yonggen Huang and Yakup Paker. A parallel fft algorithm for transputer networks. *Parallel Computing*, 17(8):895–906, 1991.

[43] D. Hutchinson and B.M.S. Khalaf. Parallel algorithms for solving initial value problems: Front broadening and embedded parallelism. *Parallel Computing*, 17(9):957–968, 1991.

[44] Chang-Sung Jeong. An improved parallel algorithm for constructing voronoi diagram on a mesh-connected computer. *Parallel Computing*, 17(4-5):505–514, 1991.

[45] Chang-Sung Jeong. Parallel voronoi diagram in l_1 (l_∞) metric on a mesh-connected computer. *Parallel Computing*, 17(2-3):241–252, 1991.

[46] Chang-Sung Jeong and Myung-Ho Kim. Fast parallel simulated annealing for traveling salesman problem on simd machines with linear interconnections. *Parallel Computing*, 17(2-3):221–228, 1991.

[47] M. Kiehl. A vector implementation of and ode code for multi-point-boundary-value problems. *Parallel Computing*, 17(2-3):347–352, 1991.

[48] S.K. Kim and A.T. Chronopoulos. A class of lanczos-like algorithms implemented on parallel computers. *Parallel Computing*, 17(6-7):763–778, 1991.

[49] Norbert Köckler and Matthias Simon. Parallel singular value decomposition with cyclic storing. *Parallel Computing*, 17(1):39–47, 1991.

[50] E.V. Krishnamurthy and H. Schröder. Systolic algorithm for multivariable approximation using tensor products of basis functions. *Parallel Computing*, 17(4-5):483–492, 1991.

[51] M.D. Levin and D.J. Evans. The inversion of matrices by the double-bordering algorithm on mimd computers. *Parallel Computing*, 17(4-5):591–602, 1991.

[52] David Levine, David Callahan, and Jack Dongarra. A comparative study of automatic vectorizing compilers. *Parallel Computing*, 17(10-11):1223–1244, 1991.

[53] Xiaobo Li. Nearest neighbor classification on two types of simd machines. *Parallel Computing*, 17(4-5):381–407, 1991.

[54] Yen-Chun Lin. Array size anomaly of problem-size independent systolic arrays for matrix-vector multiplication. *Parallel Computing*, 17(4-5):515–522, 1991.

[55] Yen-Chun Lin. An fp-based tool for the synthesis of regular array algorithms. *Parallel Computing*, 17(4-5):457–470, 1991.

[56] Z. Mahjoub and F. Karoui-Sahtout. Parallel algorithms for redundant precedence relations elimination in task systems. *Parallel Computing*, 17(4-5):471–481, 1991.

[57] Sathiamoorthy Manoharan and Peter Thanisch. Assigning dependency graphs onto processor networks. *Parallel Computing*, 17(1):63–73, 1991.

[58] D. Moncrieff, V.R. Saunders, and S. Wilson. Parallel processing using macro-tasking in a multi-job environment on a cray y-mp computer. *Parallel Computing*, 17(6-7):733–750, 1991.

[59] L. Bacchelli Montefusco and C. Guerrini. A domain decomposition method for scattered data approximation on a distributed memory multiprocessor. *Parallel Computing*, 17(2-3):253–263, 1991.

[60] H. Mühlenbein, M. Schomisch, and J. Born. The parallel genetic algorithm as function optimizer. *Parallel Computing*, 17(6-7):619–632, 1991.

[61] Silvia M. Müller and Dieter Scheerer. A method to parallelize tridiagonal solvers. *Parallel Computing*, 17(2-3):181–188, 1991.

[62] Dieter Müller-Wichards. Problem size scaling in the presence of parallel overhead. *Parallel Computing*, 17(12):1361–1376, 1991.

[63] Wolfgang E. Nagel and Markus A. Linn. Benchmarking parallel programs in a multiprogramming environment: The par-bench system. *Parallel Computing*, 17(10-11):1303–1321, 1991.

[64] S. Olariu and Z. Wen. An efficient parallel algorithm for multiselection. *Parallel Computing*, 17(6-7):689–693, 1991.

[65] Stephan Olariu, Zhaofang Wen, and Weixiong Zhang. A faster optimal algorithm for the measure problem. *Parallel Computing*, 17(6-7):683–687, 1991.

[66] Constantine N.K. Osiakwan and Selim G. Akl. Parallel computation of matchings in trees. *Parallel Computing*, 17(6-7):643–656, 1991.

[67] Marcin Paprzyck and Ian Gladwell. Solving almost block diagonal systems on parallel computers. *Parallel Computing*, 17(2-3):133–153, 1991.

[68] Haesun Park. A parallel algorithm for the unbalanced orthogonal procrustes problem. *Parallel Computing*, 17(8):913–923, 1991.

[69] Alexander Peters. Sparse matrix vector multiplication techniques on the ibm 3090 vf. *Parallel Computing*, 17(12):1409–1424, 1991.

[70] Chris Phillips. The performance of the blas and lapack on a shared memory scalar multiprocessor. *Parallel Computing*, 17(6-7):751–761, 1991.

[71] Giorgio Pini. A parallel algorithm for the partial eigensolution of sparse symmetric matrices on the cray y-mp. *Parallel Computing*, 17(4-5):553–561, 1991.

[72] V.V.R. Prasad and C. Siva Ram Murthy. Downloading node programs/data into hypercubes. *Parallel Computing*, 17(6-7):633–642, 1991.

[73] Fethi A. Rabhi and Gordon A. Manson. Divide-and-conquer and parallel graph reduction. *Parallel Computing*, 17(2-3):189–205, 1991.

[74] V.R. Saunders and S. Wilson. "scavenger" programming for the cray x-mp computer. *Parallel Computing*, 17(9):1025–1034, 1991.

[75] Manfred Schimmler. Parallel strong orientation on a mesh connected computer. *Parallel Computing*, 17(6-7):657–664, 1991.

[76] Willi Schönauer and Hartmut Häfner. Performance estimates for supercomputers: The responsibilities of the manufacturer and of the user. *Parallel Computing*, 17(10-11):1131–1149, 1991.

[77] H. Schröder and E.V. Krishnamurthy. Systolic computation of characteristic polynomials of hessenberg matrices. *Parallel Computing*, 17(2-3):273–277, 1991.

[78] H. Schroder, V.K. Murthy, and E.V. Krishnamurthy. Systolic algorithm for polynomial interpolation and related problems. *Parallel Computing*, 17(4-5):493–503, 1991.

[79] H. Schröder and P. Strazdins. Program compression on the instruction systolic array. *Parallel Computing*, 17(2-3):207–219, 1991.

[80] Hartmut Schwandt. Memory access problems in block cyclic reduction on vector computers. *Parallel Computing*, 17(2-3):329–346, 1991.

[81] S. Selvakumar and C. Siva Ram Murthy. An efficient algorithm for mapping vlsi curcuit simulation programs onto multiprocessors. *Parallel Computing*, 17(9):1009–1016, 1991.

[82] P. Senechaud. A mimd implementation of the buchberger algorithm for boolean polynomials. *Parallel Computing*, 17(1):29–37, 1991.

[83] Pao-Hsu Shih and Wu-Shung Feng. An application of neural networks on channel routing problem. *Parallel Computing*, 17(2-3):229–240, 1991.

[84] Martin Simmen. Comments on broadcast algorithms for two-dimensional grids. *Parallel Computing*, 17(1):109–112, 1991.

[85] Fridrich Sloboda. A projection method of the cimmino type for linear algebraic systems. *Parallel Computing*, 17(4-5):435–442, 1991.

[86] Storoy and T. Sorevik. A note on an orthogonal systolic design for the assignment problem. *Parallel Computing*, 17(4-5):523–525, 1991.

[87] Xian-He Sun and John L. Gustafson. Toward a better parallel performance metric. *Parallel Computing*, 17(10-11):1093–1109, 1991.

[88] Paul N. Swarztrauber, Roland A. Sweet, William L. Briggs, Van Emden Henson, and James Otto. Bluestein's fft for arbitrary n on the hypercube. *Parallel Computing*, 17(6-7):607–617, 1991.

[89] Roland A. Sweet, William L. Briggs, Suely Oliveira, Jules L. Porsche, and Tom Turnbull. Ffts and three-dimensional poisson solvers for hypercubes. *Parallel Computing*, 17(2-3):121–131, 1991.

[90] E. Taillard. Robust taboo search for the quadratic assignment problem. *Parallel Computing*, 17(4-5):443–455, 1991.

[91] P. Tervola and W. Yeung. Parallel jacobi algorithm for matrix diagonalisation on transputer networks. *Parallel Computing*, 17(2-3):155–163, 1991.

[92] Michael Thuné. Straightforward partitioning of composite grids for explicit difference methods. *Parallel Computing*, 17(6-7):665–672, 1991.

[93] Jenn-Yang Tien and Wei-Pang Yang. Hierarchical spanning trees and distributing on incomplete hypercubes. *Parallel Computing*, 17(12):1343–1360, 1991.

[94] Tom Tollenaere and Guy A. Orban. Simulating modular neural networks on message-passing multiprocessors. *Parallel Computing*, 17(4-5):361–379, 1991.

[95] Vijaykumar Topkar, Ophir Frieder, and Arun K. Sood. Duplicate removal on hypercube engines: An experimental analysis. *Parallel Computing*, 17(8):845–871, 1991.

[96] A. Torralba. A systolic array with applications to image processing and wire-routing in vlsi circuits. *Parallel Computing*, 17(1):85–93, 1991.

[97] R.J. van der Pas and J.M. van Kats. Parallelism in a multi-user environment. *Parallel Computing*, 17(2-3):285–296, 1991.

[98] Aad J. van der Steen. The benchmark of the euroben group. *Parallel Computing*, 17(10-11):1211–1221, 1991.

[99] Chia-Jiu Wang and Victor P. Nelson. Petri net performance modeling of a modified mesh-connected parallel computer. *Parallel Computing*, 17(1):75–84, 1991.

[100] L.C. Waring and M. Clint. Parallel gram-schmidt orthogonalisation on a network of transputers. *Parallel Computing*, 17(9):1043–1050, 1991.

[101] Reinhold P. Weicker. A detailed look at some popular benchmarks. *Parallel Computing*, 17(10-11):1153–1172, 1991.

[102] M. Wheat and D.J. Evans. Asynchronous parallel merging. *Parallel Computing*, 17(9):1035–1041, 1991.

[103] M. Wheat and D.J. Evans. Maintenance of shared data structures on tightly coupled multiprocessors. *Parallel Computing*, 17(1):101–107, 1991.

[104] F. Wiegand and B.S. Hoyle. Development and implementation of real-time ultrasound process tomography using a transputer network. *Parallel Computing*, 17(6-7):791–807, 1991.

[105] Jack Worlton. Toward a taxonomy of performance metrics. *Parallel Computing*, 17(10-11):1073–1092, 1991.

[106] K. Wright. Parallel algorithms for *qr* decomposition on a shared memory multiprocessor. *Parallel Computing*, 17(6-7):779–790, 1991.

[107] Chwan-Hwa Wu, Russel E. Hodges, and Chia-Jiu Wang. Parallelizing the self-organizing feature map on multiprocessor systems. *Parallel Computing*, 17(6-7):821–832, 1991.

[108] Hong Zhang. On the accuracy of the parallel diagonal dominant algorithm. *Parallel Computing*, 17(2-3):265–272, 1991.