References

[1] Wanda Andreoni and Alessandro Curioni. New advances in chemistry and materials science with cpmd and parallel computing. *Parallel Computing*, 26(7-8):819–842, 2000.

[2] Moez Ayed and Jean-Luc Gaudiot. A efficient heuristic for code partitioning. *Parallel Computing*, 26(4):399–426, 2000.

[3] Jon Baker and Matt Shirel. Ab initio quantum chemistry on pc-based parallel supercomputers. *Parallel Computing*, 26(7-8):1011–1024, 2000.

[4] J.A. Bakker. Semantic partitioning as a basis for parallel i/o in database management systems. *Parallel Computing*, 26(11):1491–1513, 2000.

[5] Peter Benner, Ralph Byers, Enrique S. Quintana-Ortí, and Gregorio Quintana-Ortí. Solving algebraic riccati equations on parallel computers using newton's method with exact line search. *Parallel Computing*, 26(10):1345–1368, 2000.

[6] P. Beraldi, L. Grandinetti, R. Musmanno, and C. Triki. Parallel algorithms to solve two-stage stochastic linear programs with robustness constraints. *Parallel Computing*, 26(13-14):1889–1908, 2000.

[7] David E. Bernholdt. Scalability of correlated electronic structure calculations on parallel computers: A case study of the ri-mp2 method. *Parallel Computing*, 26(7-8):945–963, 2000.

[8] A. Bevilacqua and E. Loli Piccolomini. Parallel image restoration on parallel and distributed computers. *Parallel Computing*, 26(4):495–506, 2000.

[9] Jacek Błażewicz, Maciej Drozdowski, Piotr Formanowicz, Wiesław Kubiak, and Günter Schmidt. Scheduling preemptable tasks on parallel processors with limited availability. *Parallel Computing*, 26(9):1195–1211, 2000.

[10] Edward K. Blum, Xin Wang, and Patrick Leung. Architectures and message-passing algorithms for cluster computing: Design and performance. *Parallel Computing*, 26(2-3):313–332, 2000.

[11] Benoît Bourbeau, Teodor Gabriel Crainic, and Bernard Gendron. Branch-and-bound parallelization strategies applied to a depot location and container fleet management problem. *Parallel Computing*, 26(1):27–46, 2000.

[12] Thomas Brandes and Cécile Germain-Renaud. A schedule cache for data parallel unstructured computations. *Parallel Computing*, 26(13-14):1807–1823, 2000.

[13] Frédéric Brégier, Marie-Christine Counilh, and Jean Roman. Scheduling loops with partial loop-carried dependencies. *Parallel Computing*, 26(13-14):1789–1806, 2000.

[14] Ron Brightwell, Lee Ann Fisk, David S. Greenberg, Tramm Hudson, Mike Levenhagen, Arthur B. Maccabe, and Rolf Riesen. Massively parallel computing using commodity components. *Parallel Computing*, 26(2-3):243–266, 2000.

[15] F.O. Bunnin, Y. Guo, Y. Ren, and J. Darlington. Design of high performance financial modelling environment. *Parallel Computing*, 26(5):601–622, 2000.

[16] Luis Miguel Campos and Isaac D. Scherson. Rate of change load balancing in distributed and parallel sytems. *Parallel Computing*, 26(9):1213–1230, 2000.

[17] Weng-Long Chang and Chih-Ping Chu. The infinity lambda test: A multi-dimensional version of banerjee infinity test. *Parallel Computing*, 26(10):1275–1295, 2000.

[18] J. Chassin de Kergommeaux, B. Stein, and P.E. Bernard. Pajé, an interactive visualization tool for tuning multi-threaded parallel applications. *Parallel Computing*, 26(10):1253–1274, 2000.

[19] Rodolphe Chatagny and Bastien Chopard. A parallel model for the foreign exchange market. *Parallel Computing*, 26(5):587–600, 2000.

[20] Tzung-Shi Chen, Nen-Chung Wang, and Chih-Ping Chu. Multicast communication in wormhole-routed star graph interconnection networks. *Parallel Computing*, 26(11):1459–1490, 2000.

[21] G. Chiola and G. Ciaccio. Effcient parallel processing on low-cost clusters with gamma active ports. *Parallel Computing*, 26(2-3):333–354, 2000.

[22] Philippe Chrétienne. On graham's bound for cyclic scheduling. *Parallel Computing*, 26(9):1163–1174, 2000.

[23] John C. Chu and Patrick W. Dowd. Adaptive cache coherence over a high bandwidth broadband mesh network. *Parallel Computing*, 26(2-3):285–311, 2000.

[24] Ricardo C. Corrêa. A parallel approximation scheme for the multiprocessor scheduling problem. *Parallel Computing*, 26(1):47–72, 2000.

[25] Alain Darte. On the complexity of loop fusion. *Parallel Computing*, 26(9):1175–1193, 2000.

[26] Sajal K. Das and M. Cristina Pinotti. Parallel priority queues based on binomial heaps. *Parallel Computing*, 26(11):1411–1428, 2000.

[27] Thomas Decker. Virtual data space — load balancing for irregular applications. *Parallel Computing*, 26(13-14):1825–1860, 2000.

[28] Shijun Diao and T. Fujiwara. Evaluation and strategy of different data parallel implementation methods of a stiff chemical non-equilibrium flow solver. *Parallel Computing*, 26(6):791–804, 2000.

[29] Ralf Diekmann, Robert Preis, Frank Schlimbach, and Chris Walshaw. Shape-optimized mesh partitioning and load balancing for parallel adaptive fem. *Parallel Computing*, 26(12):1555–1581, 2000.

[30] Clémentin Tayou Djamégni, Patrice Quinton, Sanjay Rajopadhye, and Tanguy Risset. Derivation of systolic algorithms for the algebraic path problem by recurrence transformations. *Parallel Computing*, 26(11):1429–1445, 2000.

[31] Stephen R. Donaldson, Jonathan M.D. Hill, and David B. Skillicorn. Bsp clusters: High performance, reliable and very low cost. *Parallel Computing*, 26(2-3):199–242, 2000.

[32] M.D. Durand and Steve R. White. Trading accuracy for speed in parallel simulated annealing with simultaneous moves. *Parallel Computing*, 26(1):135–150, 2000.

[33] E.W. Evans, S.P. Johnson, P.F. Leggett, and M. Cross. Automatic and effective multi-dimensional parallelisation of structured mesh based codes. *Parallel Computing*, 26(6):677–703, 2000.

[34] Alan D. George, Jeff Markwell, and Ryan Fogarty. Real-time sonar beamforming on high-performance distributed computers. *Parallel Computing*, 26(10):1231–1252, 2000.

[35] Cyril Godart. Parallel implementation of a two-factor cheyette-beta model calibration. *Parallel Computing*, 26(5):569–586, 2000.

[36] Leonid Gorb, Ilya Yanov, and Jerzy Leszczynski. High performance computing on the cray t3e and ibm sp2 systems with the parallel version of gaussian 94. *Parallel Computing*, 26(7-8):1043–1060, 2000.

[37] Minyi Guo, Ikuo Nakata, and Yoshiyuki Yamashita. Contention-free communication scheduling for array redistribution. *Parallel Computing*, 26(10):1325–1343, 2000.

[38] E. Gutiérrez, R. Asenjo, O. Plata, and E.L. Zapata. Automatic parallelization of irregular applications. *Parallel Computing*, 26(13-14):1709–1738, 2000.

[39] Hwansoo Han and Chau-Wen Tseng. Efficient compiler and run-time support for parallel irregular reductions. *Parallel Computing*, 26(13-14):1861–1887, 2000.

[40] Bruce Hendrickson and Tamara G. Kolda. Graph partitioning models for parallel computing. *Parallel Computing*, 26(12):1519–1534, 2000.

[41] Manuel Hermenegildo. Parallelizing irregular and pointer-based computations automatically: Perspectives from logic and constraint programming. *Parallel Computing*, 26(13-14):1685–1708, 2000.

[42] Costas S. Iliopoulos and James F. Reid. Optimal parallel analysis and decomposition of partially occluded strings. *Parallel Computing*, 26(4):483–494, 2000.

[43] Tomasz Kalinowski, Iskander Kort, and Denis Trystram. List scheduling of general task graphs under logp. *Parallel Computing*, 26(9):1109–1128, 2000.

[44] Huan-Chao Keh and Jen-Chih Lin. On fault-tolerant embedding of hamiltonian cycles, linear arrays and rings in a flexible hypercube. *Parallel Computing*, 26(6):769–781, 2000.

[45] R. Keppens and G. Tóth. Using high performance fortran for magnetohydrodynamic simulations. *Parallel Computing*, 26(6):705–722, 2000.

[46] Jacek Komasa and Jacek Rychlewski. Solving quantum-mechanical problems on parallel systems. *Parallel Computing*, 26(7-8):999–1009, 2000.

[47] Chams Lahlou. Approximation algorithms for scheduling with a limited number of communications. *Parallel Computing*, 26(9):1129–1162, 2000.

[48] Andras Laszloffy, Jingping Long, and Abani K. Patra. Simple data management, scheduling and solution strategies for managing the irregularities in parallel adaptive *hp* finite element simulations. *Parallel Computing*, 26(13-14):1765–1788, 2000.

[49] Jenny X. Li and Gary L. Mullen. Parallel computing of a quasi-monte carlo algorithm for valuing derivatives. *Parallel Computing*, 26(5):641–653, 2000.

[50] Keqin Li, Yi Pan, and Mounir Hamdi. Solving graph theory problems using reconfigurable pipelined optical buses. *Parallel Computing*, 26(6):723–735, 2000.

[51] W.-M. Lin and W. Xie. Load-skewing task assignment to minimize communication conflicts on network of workstations. *Parallel Computing*, 26(2-3):179–197, 2000.

[52] J.G. Liu, F.H.Y. Chan, F.K. Lam, and H.F. Li. A new approach to fast calculation of moments of 3-d gray level images. *Parallel Computing*, 26(6):805–815, 2000.

[53] Yung-Lin Liu and Chung-Ta King. Explorer: Supporting run-time parallelization of doacross loops on general networks of workstations. *Parallel Computing*, 26(2-3):355–375, 2000.

[54] Peter K.K. Loh and Wen Jing Hsu. The josephus cube: A novel interconnection network. *Parallel Computing*, 26(4):427–453, 2000.

[55] Welf Löwe and Wolf Zimmermann. Scheduling balanced task-graphs to logp-machines. *Parallel Computing*, 26(9):1083–1108, 2000.

[56] David K. Lowenthal and Vincent W. Freeh. Architecture-independent parallelism for both shared- and distributed-memory machines using the filaments package. *Parallel Computing*, 26(10):1297–1323, 2000.

[57] Elias S. Manolakos and Haris M. Stellakis. Systematic synthesis of parallel architectures for the computation of higher order cumulants. *Parallel Computing*, 26(5):655–676, 2000.

[58] N. Marco and S. Lanteri. A two-level parallelization strategy for genetic algorithms applied to optimum shape design. *Parallel Computing*, 26(4):377–397, 2000.

[59] I. Maros and G. Mitra. Investigating the sparse simplex algorithm on a distributed memory multiprocessor. *Parallel Computing*, 26(1):151–170, 2000.

[60] N. Melab and E.-G. Talbi. Parallel adaptive computing on meta-systems including nows. *Parallel Computing*, 26(2-3):267–284, 2000.

[61] S.A. MirHassani, C. Lucas, G. Mitra, E. Messina, and C.A. Poojari. Computational solution of capacity planning models under uncertainty. *Parallel Computing*, 26(5):511–538, 2000.

[62] Burkhard Monien, Robert Preis, and Ralf Diekmann. Quality matching and local improvement for multilevel graph-partitioning. *Parallel Computing*, 26(12):1609–1634, 2000.

[63] D.G. Morales, F. Almeida, C. Rodríguez, J.L. Roda, I. Coloma, and A. Delgado. Parallel dynamic programming and automata theory. *Parallel Computing*, 26(1):113–134, 2000.

[64] M. Manzur Murshed and Richard P. Brent. Adaptive at^2 optimal algorithms on reconfigurable meshes. *Parallel Computing*, 26(11):1447–1458, 2000.

[65] Dennis M. Newns, Qingfeng Zhong, Preston B. Moore, T. Husslein, Pratap Pattnaik, and Michael L. Klein. Molecular dynamics study of structure and gating of low molecular weight ion channels. *Parallel Computing*, 26(7-8):965–976, 2000.

[66] Ross H. Nobes, Alistair P. Rendell, and Jarek Nieplocha. Computational chemistry on fujitsu vector-parallel processors: Hardware and programming environment. *Parallel Computing*, 26(7-8):869–886, 2000.

[67] Leonid Oliker, Rupak Biswas, and Harold N. Gabow. Parallel tetrahedral mesh adaptation with dynamic load balancing. *Parallel Computing*, 26(12):1583–1608, 2000.

[68] Taesoon Park and Heon Y. Yeom. Application controlled checkpointing coordination for fault-tolerant distributed computing systems. *Parallel Computing*, 26(4):467–482, 2000.

[69] Marc Pavese, Soonmin Jang, and Gregory A. Voth. Centroid molecular dynamics: A quantum dynamics method suitable for the parallel computer. *Parallel Computing*, 26(7-8):1025–1041, 2000.

[70] S.C. Perry, R.H. Grimwood, D.J. Kerbyson, E. Papaefstathiou, and G.R. Nudd. Performance optimization of financial option calculations. *Parallel Computing*, 26(5):623–639, 2000.

[71] G.Ch. Pflug and A. Świętanowski. Selected parallel optimization methods for financial management under uncertainty. *Parallel Computing*, 26(1):3–25, 2000.

[72] Piotr Piecuch and Joseph I. Landman. Parallelization of multi-reference coupled-cluster method. *Parallel Computing*, 26(7-8):913–943, 2000.

[73] Stella C.S. Porto, João Paulo F.W. Kitajima, and Celso C. Ribeiro. Performance evaluation of a parallel tabu search task scheduling algorithm. *Parallel Computing*, 26(1):73–90, 2000.

[74] C.S. Pua, M.H. Williams, and D.H. Marwick. Modelling parallel databases with process algebra. *Parallel Computing*, 26(13-14):1909–1924, 2000.

[75] J. Rantakokko. Partitioning strategies for structured multiblock grids. *Parallel Computing*, 26(12):1661–1680, 2000.

[76] Alistair P. Rendell, Andrey Bliznyuk, Thomas Huber, Ross H. Nobes, Elena V. Akhmatskaya, Herbert A. Früchtl, Paul W.-C. Kung, Victor Milman, and Han Lung. Computational chemistry on fujitsu vector-parallel processors: Development and performance of applications software. *Parallel Computing*, 26(7-8):887–911, 2000.

[77] Barry Robson. Simplified models of protein folding exploiting the lagrange radius of gyration of the hydrophobic component. *Parallel Computing*, 26(7-8):977–998, 2000.

[78] C. Rodríguez, J.L. Roda, F. Sande, D.G. Morales, and F. Almeida. A new parallel model for the analysis of asynchronous algorithms. *Parallel Computing*, 26(6):753–767, 2000.

[79] Arjen Schoneveld, Peter M.A. Sloot, Martin Lees, and Erwan Karyadi. A framework for dynamic load balancing: A case study on explosive containment simulations. *Parallel Computing*, 26(6):737–751, 2000.

[80] C.P. Sosa, G. Scalmani, R. Comperts, and M.J. Frisch. Ab initio quantum chemistry on a ccnuma architecture using openmp. iii. *Parallel Computing*, 26(7-8):843–856, 2000.

[81] Ming-Yang Su, Hui-Ling Huang, Gen-Huey Chen, and Dyi-Rong Duh. Node-disjoint paths in incomplete wk-recursive networks. *Parallel Computing*, 26(13-14):1925–1944, 2000.

[82] Pao-Hwa Sui and Sheng-De Wang. A fault-tolerant routing algorithm for wormhole routed meshes. *Parallel Computing*, 26(4):455–465, 2000.

[83] Peiyi Tang and Jingling Xue. Generating efficient tiled code for distributed memory machines. *Parallel Computing*, 26(11):1369–1410, 2000.

[84] N. Touheed, P. Selwood, P.K. Jimack, and M. Berzins. A comparison of some dynamic load-balancing algorithms for a parallel adaptive flow solver. *Parallel Computing*, 26(12):1535–1554, 2000.

[85] Michel Toulouse, Teodor Gabriel Crainic, and K. Thulasiraman. Global optimization properties of parallel cooperative search algorithms: A simulation study. *Parallel Computing*, 26(1):91–112, 2000.

[86] Jan Trdlička and Pavel Tvrdík. Embedding complete k-ary trees into k-square 2-d meshes with optimal edge congestion. *Parallel Computing*, 26(6):783–790, 2000.

[87] Roman Trobec. Two-dimensional regular d-meshes. *Parallel Computing*, 26(13-14):1945–1953, 2000.

[88] Jacques Verriet. Scheduling outtrees of height one in the logp model. *Parallel Computing*, 26(9):1065–1082, 2000.

[89] C. Walshaw and M. Cross. Parallel optimisation algorithms for multilevel mesh partitioning. *Parallel Computing*, 26(12):1635–1660, 2000.

[90] F. Warren Burton and David J. Simpson. Memory requirements for parallel programs. *Parallel Computing*, 26(13-14):1739–1763, 2000.

[91] John D. Watts. Parallel algorithms for coupled-cluster methods. *Parallel Computing*, 26(7-8):857–867, 2000.

[92] G. Zanghirati, F. Cocco, G. Paruolo, and F. Taddei. A cray t3e implementation of a parallel stochastic dynamic assets and liabilities management model. *Parallel Computing*, 26(5):539–567, 2000.