References

[1] Vikram S. Adve, Rajive Bagrodia, Ewa Deelman, and Rizos Sakellariou. Compiler-optimized simulation of large-scale applications on high performance architectures. *J. Parallel Distrib. Comput.*, 62(3):393–426, 2002.

[2] Yehuda Afek and Shlomi Dolev. Local stabilizer. *J. Parallel Distrib. Comput.*, 62(5):745–765, 2002.

[3] Abdel-Elah Al-Ayyoub and Khaled Day. Comparative stydy of product networks. *J. Parallel Distrib. Comput.*, 62(1):1–18, 2002.

[4] Enrique Alba, Antonio J. Nebro, and José M. Troya. Heterogeneous computing and parallel genetic algorithms. *J. Parallel Distrib. Comput.*, 62(9):1362–1385, 2002.

[5] Myung M. Bae, R. Venkatesan, and Bella Bose. Data rearrangement between radix-k and lee distance gray codes in k-ary n-cubes. *J. Parallel Distrib. Comput.*, 62(1):19–37, 2002.

[6] Fabio Barillari, Enrico Nardelli, and Massimo Pepe. Fully dynamic distributed search trees can be balanced in $0(\lg^2 n)$ time. *J. Parallel Distrib. Comput.*, 62(11):1617–1628, 2002.

[7] Joffroy Beauquier, Maria Gradinariu, and Colette Johnen. Token-based self-stabilizing uniform algorithms. *J. Parallel Distrib. Comput.*, 62(5):899–921, 2002.

[8] Fatima Belkouch, Marc Bui, Liming Chen, and Ajoy K. Datta. Self-stabilizing deterministic network decomposition. *J. Parallel Distrib. Comput.*, 62(4):696–714, 2002.

[9] Peter Benner, Ralph Byers, Rafael Mayo, Enrique S. Quintana-Ortí, and Vicente Hernández. Parallel algorithms for lq optimal control of discrete-time periodic linear systems. *J. Parallel Distrib. Comput.*, 62(2):306–325, 2002.

[10] Alan A. Bertossi and Cristina M. Pinotti. Mappings for conflict-free access of paths in bidimensional arrays, circular lists, and complete trees. *J. Parallel Distrib. Comput.*, 62(8):1314–1333, 2002.

[11] Alessandro Bevilacqua. A methodological approach to parallel simulated annealing on an smp system. *J. Parallel Distrib. Comput.*, 62(10):1548–1570, 2002.

[12] Azzedine Boukerche. An adaptive partitioning algorithm for distributed discrete event simulaiton systems. *J. Parallel Distrib. Comput.*, 62(9):1454–1475, 2002.

[13] Azzedine Boukerche and Mirela Sechi M. Annoni Notare. Behavior-based intrusion detection in mobile phone systems. *J. Parallel Distrib. Comput.*, 62(9):1476–1490, 2002.

[14] Azzedine Boukerche and Amber Roy. Dynamic grid-based approach to data distribution management. *J. Parallel Distrib. Comput.*, 62(3):366–392, 2002.

[15] Olivier Brun, Vincent Teuliere, and Jean-Marie Garcia. Parallel particle filtering. *J. Parallel Distrib. Comput.*, 62(7):1186–1202, 2002.

[16] Wentong Cai, Bu-Sung Lee, and Junlan Zhou. Causal order delivery in a multicast environment: An improved algorithm. *J. Parallel Distrib. Comput.*, 62(1):111–131, 2002.

[17] Christopher D. Carothers, David Bauer, and Shawn Pearce. Ross: A high-performance, low-memory, modular time warp system. *J. Parallel Distrib. Comput.*, 62(11):1648–1669, 2002.

[18] Walfredo Cirne and Francine Berman. Using moldability to improve the performance of supercomputer jobs. *J. Parallel Distrib. Comput.*, 62(10):1571–1601, 2002.

[19] Jorge A. Cobb and Mohamed G. Gouda. Stabilization of general loop-free routing. *J. Parallel Distrib. Comput.*, 62(5):922–944, 2002.

[20] A. Cortés, A. Ripoll, F. Cedó, M.A. Senar, and E. Luque. An asynchronous and iterative load balancing algorithm for discrete load model. *J. Parallel Distrib. Comput.*, 62(12):1729–1746, 2002.

[21] Sajal K. Das, Daniel J. Harvey, and Rupak Biswas. Adaptive load-balancing algorithms using symmetric broadcast networks. *J. Parallel Distrib. Comput.*, 62(6):1042–1068, 2002.

[22] Ewa Deelman and Boleslaw K. Szymanski. Simulating spatially explicit problems on high performance architectures. *J. Parallel Distrib. Comput.*, 62(3):446–467, 2002.

[23] Sylvie Delaët and Sébastian Tixeuil. Tolerating transient and intermittent failures. *J. Parallel Distrib. Comput.*, 62(5):961–981, 2002.

[24] Muhammad K. Dhodhi, Imtiaz Ahmad, Anwar Yatama, and Ishfaq Ahmad. An integrated technique for task matching and scheduling onto distributed heterogenous computing systems. *J. Parallel Distrib. Comput.*, 62(9):1338–1361, 2002.

[25] Manuel Díaz, Bartolomé Rubio, Enrique Soler, and José M. Troya. A border-based coordination language for integrating task and data parallelism. *J. Parallel Distrib. Comput.*, 62(4):715–740, 2002.

[26] José Alberto Férnandez-Zepeda, Ramachandran Vaidyanathan, and Jerry L. Trahan. Using bus linearization to scale the reconfigurable mesh. *J. Parallel Distrib. Comput.*, 62(4):495–516, 2002.

[27] Jonathan Geisler and Valerie Taylor. Performance coupling: Case studies for improving the performance of scientific applications. *J. Parallel Distrib. Comput.*, 62(8):1227–1247, 2002.

[28] Sukumar Ghosh and Xin He. Scalable self-stabilization. *J. Parallel Distrib. Comput.*, 62(5):945–960, 2002.

[29] Dhrubajyoti Goswami, Ajit Singh, and Bruno R. Preiss. From design patterns to parallel architectural skeletons. *J. Parallel Distrib. Comput.*, 62(4):669–695, 2002.

[30] R. Hadid. Space and time efficient self-stabilizing l-exclusion in tree networks. *J. Parallel Distrib. Comput.*, 62(5):843–864, 2002.

[31] Jaap-Henk Hoepman, Marina Papatriantafilou, and Philippas Tsigas. Self-stabilization of wait-free shared memory objects. *J. Parallel Distrib. Comput.*, 62(5):818–842, 2002.

[32] Rodney R. Howell, Mikhail Nesterenko, and Masaaki Mizuno. Finite-state self-stabilizing protocols in message-passing systems. *J. Parallel Distrib. Comput.*, 62(5):792–817, 2002.

[33] Wen-Tzeng Huang, Jimmy J.M. Tan, Chun-Nan Hung, and Lih-Hsing Hsu. Fault-tolerant hamiltonicity of twisted cubes. *J. Parallel Distrib. Comput.*, 62(4):591–604, 2002.

[34] Maria Hybinette and Richard M. Fujimoto. Latency hiding with optimistic computations. *J. Parallel Distrib. Comput.*, 62(3):427–445, 2002.

[35] Andrés Jaramillo-Botero and Alfons Crespo I. Lorente. A unified formulation for massively parallel rigid multibody dynamics of $o(\log_2 n)$ computational complexity. *J. Parallel Distrib. Comput.*, 62(6):1001–1020, 2002.

[36] Hirotsugu Kakugawa and Masafumi Yamshita. Uniform and self-stabilizing fair mutual exclusion on unidirectional rings under unfair distributed daemon. *J. Parallel Distrib. Comput.*, 62(5):885–898, 2002.

[37] Nidhi Kapoor, Mark Russell, Ivan Stojmenovic, and Albert Y. Zomaya. A genetic algorithm for finding the pagenumber of interconnection networks. *J. Parallel Distrib. Comput.*, 62(2):267–283, 2002.

[38] Mehmet Hakan Karaata. A stabilizing algorithm for finding biconnected components. *J. Parallel Distrib. Comput.*, 62(5):982–999, 2002.

[39] Yoshiaki Katayama, Eiichiro Ueda, Hideo Fujiwara, and Toshimitsu Masuzawa. A latency optimal superstabilizing mutual exclusion protocol in unidirectional rings. *J. Parallel Distrib. Comput.*, 62(5):865–884, 2002.

[40] Ajay D. Kshemkalyani and Mukesh Singhal. Communication patterns in distributed computations. *J. Parallel Distrib. Comput.*, 62(6):1104–1119, 2002.

[41] Shan-Chyun Ku and Biing-Feng Wang. An optimal simple parallel algorithm for testing isomorphism of maximal outerplanar graphs. *J. Parallel Distrib. Comput.*, 62(2):221–227, 2002.

[42] Zhiling Lan, Valerie E. Taylor, and Greg Bryan. A novel dynamic load balancing scheme for parallel systems. *J. Parallel Distrib. Comput.*, 62(12):1763–1781, 2002.

[43] Jong S. Lee and Bernard P. Zeigler. Space-based communication data management in scalable distributed simulaiton. *J. Parallel Distrib. Comput.*, 62(3):336–365, 2002.

[44] Shin-Jae Lee, Minsoo Jeon, Dongseung Kim, and Andrew Sohn. Partitioned parallel radix sort. *J. Parallel Distrib. Comput.*, 62(4):656–668, 2002.

[45] K.K. Leung, N.H.C. Yung, and P.Y.S. Cheung. Novel neighborhood search for multiprocessor scheduling with pipelining. *J. Parallel Distrib. Comput.*, 62(1):85–110, 2002.

[46] Shuhui Li, Donald C. Wunsch, Edgar O'Hair, and Michael G. Giesselmann. Extended kalman filter training of neural networks on a simd parallel machine. *J. Parallel Distrib. Comput.*, 62(4):544–562, 2002.

[47] W. Ling, J. Liu, J.N. Chung, and C.T. Crowe. Parallel algorithms for particles-turbulence two-way interaction direct numerical simulation. *J. Parallel Distrib. Comput.*, 62(1):38–60, 2002.

[48] Wenheng Liu, Cho-Li Wang, and Viktor K. Prasanna. Portable and scalable algorithm for irregular all-to-all communication. *J. Parallel Distrib. Comput.*, 62(10):1493–1526, 2002.

[49] D. Manivannan and M. Singhal. Asynchronous recovery without using vector timestamps. *J. Parallel Distrib. Comput.*, 62(12):1695–1728, 2002.

[50] Dale E. Martin, Radharamanan Radhakrishnan, Dhananjai M. Rao, Maolan Chetlur, Krishnan Subramani, and Philip A. Wilsey. Analysis and simulation of mixed-technology vlsi systems. *J. Parallel Distrib. Comput.*, 62(3):468–493, 2002.

[51] Martin Middendorf, Bernd Scheuermann, Hartmut Schmeck, and Hossam ElGindy. An evolutionary approach to dynamic task scheduling on fpgas with restricted buffer. *J. Parallel Distrib. Comput.*, 62(9):1407–1420, 2002.

[52] Mikhail Nesterenko and Anish Arora. Stabilization-preserving atomicity refinement. *J. Parallel Distrib. Comput.*, 62(5):766–791, 2002.

[53] Mikhail Nesterenko and Masaaki Mizuno. A quorum-based self-stabilizing distributed mutual exclusion algorithm. *J. Parallel Distrib. Comput.*, 62(2):284–305, 2002.

[54] Dimitrios S. Nikolopoulos, Constantine D. Polychronopoulos, Theodore S. Papatheodorou, and Jesús Labarta amd Eduard Ayguadé. Scheduler-activated dynamic page migration for multiprogrammed dsm multiprocessors. *J. Parallel Distrib. Comput.*, 62(6):1069–1103, 2002.

[55] Jaechun No, Sung-soon Park, Jesus Carretero Perez, and Alok Choudhary. Design implementation of a parallel i/o runtime system for irregular applications. *J. Parallel Distrib. Comput.*, 62(2):193–220, 2002.

[56] M.F.P. O'Boyle and P.M.W. Knijnenburg. Integrating loop and data transformations for global optimization. *J. Parallel Distrib. Comput.*, 62(4):563–590, 2002.

[57] Michael J. Oudshoorn and Lin Huang. Evolving toward an optimal scheduling solution through adaptivity. *J. Parallel Distrib. Comput.*, 62(7):1203–1222, 2002.

[58] Marcus Randall and Andrew Lewis. A parallel implementation of ant colony optimization. *J. Parallel Distrib. Comput.*, 62(9):1421–1432, 2002.

[59] Dhananjai M. Rao and Philip A. Wilsey. An ultra-large-scale simulation framework. *J. Parallel Distrib. Comput.*, 62(11):1670–1693, 2002.

[60] Binoy Ravindran, Ravi K. Devarasetty, and Behrooz Shirazi. Adaptive resource management algorithms for periodic tasks in dynamic real-time distributed systems. *J. Parallel Distrib. Comput.*, 62(10):1527–1547, 2002.

[61] Petr Salinger and Pavel Tvrdík. Broadcasting in all-output-port meshes of trees with distance-insensitive switching. *J. Parallel Distrib. Comput.*, 62(8):1272–1294, 2002.

[62] Eunice E. Santos. Optimal and efficient algorithms for summing and prefix summing on parallel machines. *J. Parallel Distrib. Comput.*, 62(4):517–543, 2002.

[63] H. Sarbazi-Azad, M. Ould-Khaoua, L.M. Mackenzie, and S.G. Akl. A parallel algorithm for lagrange interpolation on the star graphs. *J. Parallel Distrib. Comput.*, 62(4):605–621, 2002.

[64] Loren Schwiebert and Renelius Bell. Performance tuning of adaptive wormhole routing through selection function choice. *J. Parallel Distrib. Comput.*, 62(7):1121–1141, 2002.

[65] Hongzhang Shan, Jaswinder Pal Sing, Leonid Oliker, and Rupak Biswas. A comparison of three programming models for adaptive applications on the origin2000. *J. Parallel Distrib. Comput.*, 62(2):241–266, 2002.

[66] Xian-He Sun. Scalability versus execution time in scalable systems. *J. Parallel Distrib. Comput.*, 62(2):173–192, 2002.

[67] Y.C. Tay. A comparison of pixel complexity in composition techniques for sort-last rendering. *J. Parallel Distrib. Comput.*, 62(1):152–171, 2002.

[68] Georgios K. Theodoropoulos. Distributed simulation of asynchronous hardware: The program driven synchronization protocol. *J. Parallel Distrib. Comput.*, 62(4):622–655, 2002.

[69] Carl Tropper. Parallel discrete-event simulation applications. *J. Parallel Distrib. Comput.*, 62(3):327–335, 2002.

[70] Dietmar Tutsch and Günter Hommel. Generating systems of equations for performance evaluation of multistage interconnection networks. *J. Parallel Distrib. Comput.*, 62(2):228–240, 2002.

[71] Bharadwaj Veeravalli and Gerassimos Barlas. Efficient scheduling strategies for processing multiple divisible loads on bus networks. *J. Parallel Distrib. Comput.*, 62(1):132–151, 2002.

[72] Nen-Chung Wang, Chih-Ping Chu, and Tzung-Shi Chen. A dual-hamiltonian-path-based multicasting strategy for wormhole-routed star graph interconnection networks. *J. Parallel Distrib. Comput.*, 62(12):1747–1762, 2002.

[73] Suguth Warnakulasuriya and Timothy Mark Pinkston. Characterization of deadlocks in irregular networks. *J. Parallel Distrib. Comput.*, 62(1):61–84, 2002.

[74] David S.L. Wei, Sanguthevar Rajasekaran, Z. Cheng, K. Naik, and Sy-Yen Kuo. Efficient selection and sorting schemes using coteries for processing large distributed files. *J. Parallel Distrib. Comput.*, 62(8):1295–1313, 2002.

[75] Jon B. Weissman. Predicting the cost and benefit of adapting data parallel applications in clusters. *J. Parallel Distrib. Comput.*, 62(8):1248–1271, 2002.

[76] Jack M. West and John K. Antonio. A genetic-algorithm approach to scheduling communications for embedded parallel space-time adaptive processing algorithms. *J. Parallel Distrib. Comput.*, 62(9):1386–1406, 2002.

[77] Allan K.Y. Wong, Wilfred W.K. Lin, May T.W. Ip, and Tharam S. Dillon. Genetic algorithm and pid control together for dynamic anticipative marginal buffer management: An effective approach to enhance dependability and performance for distribtued mobile object-based real-time computing over the internet. *J. Parallel Distrib. Comput.*, 62(9):1433–1453, 2002.

[78] Chin-Hsiung Wu, Shi-Jinn Horng, and Horng-Ren Tsai. Optimal parallel algorithms for computer vision problems. *J. Parallel Distrib. Comput.*, 62(6):1021–1041, 2002.

[79] Jie Wu. A distributed formation of smallest faulty orthogonal convex polygons in 2-d meshes. *J. Parallel Distrib. Comput.*, 62(7):1168–1185, 2002.

[80] Min-You Wu and Wei Shu. An efficient distributed token-based mutual exclusion algorithm with central coordinator. *J. Parallel Distrib. Comput.*, 62(10):1602–1613, 2002.

[81] Bernard P. Zeigler, Hyup J. Cho, Jeong G. Kim, Hessam S. Sarjoughian, and Jong.S. Lee. Quantization-based filtering in distributed discrete event simulation. *J. Parallel Distrib. Comput.*, 62(11):1629–1647, 2002.

[82] Albert Y. Zomaya, Adrian Yates, and Stephan Olariu. Fault-tolerant recursive least-squares computations on a mesh-connected parallel processor. *J. Parallel Distrib. Comput.*, 62(7):1142–1167, 2002.