References

[1] Bulent Abali, Craig B. Stunkel, and Caroline Benveniste. Clock synchronization on a multicomputer. *J. Parallel Distrib. Comput.*, 40(1):118–130, 1997.

[2] Mohan Ahuja and Shivakant Mishra. Units of computation in fault-tolerant distributed systems. *J. Parallel Distrib. Comput.*, 40(2):194–209, 1997.

[3] Albert Alexandrov, Mihai F. Ionescu, Klaus E. Schauser, and Chris Scheiman. Loggp: Incorporating long messages into the logp model for parallel computation. *J. Parallel Distrib. Comput.*, 44(1):71–79, 1997.

[4] Srinivas Aluru. Lagged fibonacci random number generators for distributed memory parallel computers. *J. Parallel Distrib. Comput.*, 45(1):1–12, 1997.

[5] Stergios V. Anastasiadis and Kenneth C. Sevcik. Parallel application scheduling on networks of workstations. *J. Parallel Distrib. Comput.*, 43(2):109–124, 1997.

[6] Rumen Andonov and Sanjay Rajopadhye. Optimal orthogonal tiling of 2-d iterations. *J. Parallel Distrib. Comput.*, 45(2):159–165, 1997.

[7] Thomas Andreae, Michael Nölle, and Gerald Schreiber. Embedding cartesian products of graphs into de bruijn graphs. *J. Parallel Distrib. Comput.*, 46(2):194–200, 1997.

[8] Daniel Andresen, Tao Yang, and Oscar H. Ibarra. Toward a scalable distributed www server on workstation clusters. *J. Parallel Distrib. Comput.*, 42(1):91–100, 1997.

[9] Henri Bal, Raoul Bhoedjang, Rutger Hofman, Ceriel Jacobs, Koen Langendoen, Tim Rühl, and Kees Verstoep. Performance of a high-level parallel language on a high-speed network. *J. Parallel Distrib. Comput.*, 40(1):49–64, 1997.

[10] Sudarshan Banerjee and Sanjeev Saxena. Parallel algorithm for finding the most vital edge in weighted graphs. *J. Parallel Distrib. Comput.*, 46(1):101–104, 1997.

[11] Denis Barthou, Jean-François Collard, and Paul Feautrier. Fuzzy array dataflow analysis. *J. Parallel Distrib. Comput.*, 40(2):210–226, 1997.

[12] A. Basermann. Conjugate gradient and lanczos methods for sparse matrices on distributed memory multiprocessors. *J. Parallel Distrib. Comput.*, 45(1):46–52, 1997.

[13] Adam Beguelin, Erik Seligman, and Peter Stephan. Application level fault tolerance in heterogeneous networks of workstations. *J. Parallel Distrib. Comput.*, 43(2):147–155, 1997.

[14] Yosi Ben-Asher. Optical routing in meshes using the duplication model. *J. Parallel Distrib. Comput.*, 41(1):36–41, 1997.

[15] Alan A. Bertossi and Alessandro Mei. p-bandwidth priority queues on reconfigurable tree of meshes. *J. Parallel Distrib. Comput.*, 40(2):248–255, 1997.

[16] K. Bhuvaneswari, K.N. Balasubramanya Murthy, and C. Siva Ram Murthy. A new and faster gaussian elimination based fault tolerant systolic linear system solver. *J. Parallel Distrib. Comput.*, 44(2):107–122, 1997.

[17] Angelos Bilas and Edward W. Felten. Fast rpc on the shrimp virtual memory mapped network interface. *J. Parallel Distrib. Comput.*, 40(1):138–146, 1997.

[18] Jehoshua Bruck, Danny Dolev, Ching-Tien Ho, Marcel-Caătălin Roşu, and Ray Strong. Efficient message passing interface (mpi) for parallel computing on clusters of workstations. *J. Parallel Distrib. Comput.*, 40(1):19–34, 1997.

[19] Gilbert Cabillic and Isabelle Puaut. Stardust: An environment for parallel programming on networks of heterogeneous workstations. *J. Parallel Distrib. Comput.*, 40(1):65–80, 1997.

[20] Patrice Calégari, Frédéric Guidec, Pierre Kuonen, and Daniel Kobler. Parallel island-based genetic algorithm for radio network design. *J. Parallel Distrib. Comput.*, 47(1):86–90, 1997.

[21] Leszek Cąsieniec and Andrzej Pelc. Broadcasting with a bounded fraction of faulty nodes. *J. Parallel Distrib. Comput.*, 42(1):11–20, 1997.

[22] Soumen Chakrabarti, James Demmel, and Katherine Yelick. Models and scheduling algorithms for mixed data and task parallel programs. *J. Parallel Distrib. Comput.*, 47(2):168–184, 1997.

[23] Hsien-Kuang Chiou and Willard Korfhage. Detecting enf event predicates in distributed systems. *J. Parallel Distrib. Comput.*, 44(1):1–13, 1997.

[24] Sekhar Darbha and Dharma P. Agrawal. A task duplication based scalable scheduling algorithm for distributed memory systems. *J. Parallel Distrib. Comput.*, 46(1):15–27, 1997.

[25] Pallab Dasgupta, A.K. Majumder, and P. Bhattacharya. v_thr: An adaptive load balancing algorithm. *J. Parallel Distrib. Comput.*, 42(2):101–108, 1997.

[26] Xiaotie Deng, Hai-Ning Liu, JunSheng Long, and Bing Xiao. Competitive analysis of network load balancing. *J. Parallel Distrib. Comput.*, 40(2):162–172, 1997.

[27] J.A.B. Dines, J.F. Snowdon, M.P.Y. Desmulliez, D.B. Barsky, A.V. Shafarenko, and C.R. Jesshope. Optical interconnectivity in a scalable data-parallel system. *J. Parallel Distrib. Comput.*, 41(1):120–130, 1997.

[28] Clémentin Tayou Djamegni and Maurice Tchuenté. A cost-optimal pipeline algorithm for permutation generation in lexicographic order. *J. Parallel Distrib. Comput.*, 44(2):153–159, 1997.

[29] Shlomi Dolev. Self-stabilizing routing and related protocols. *J. Parallel Distrib. Comput.*, 42(2):122–127, 1997.

[30] Xing Du and Xiaodong Zhang. Coordinating parallel processes on networks of workstations. *J. Parallel Distrib. Comput.*, 46(2):125–135, 1997.

[31] Chris L. Elford and Daniel A. Reed. Technology trends and disk array performance. *J. Parallel Distrib. Comput.*, 46(2):136–147, 1997.

[32] F. Ercal and H.C. Lee. Time-efficient maze-routing algorithms on reconfigurable mesh architectures. *J. Parallel Distrib. Comput.*, 44(2):133–140, 1997.

[33] Phillip M. Feldman, Raisa E. Feldman, and David B. Kim. Predicting speedup for distributed computing on a token ring network. *J. Parallel Distrib. Comput.*, 45(1):53–62, 1997.

[34] Perry Fizzano, David Karger, Clifford Stein, and Joel Wein. Distributed job scheduling in rings. *J. Parallel Distrib. Comput.*, 45(2):122–133, 1997.

[35] J.E. Flaherty, R.M. Loy, M.S. Shephard, B.K. Szymanski, J.D. Teresco, and L.H. Ziantz. Adaptive local refinement with octree load balancing for the parallel solution of three-dimensional conservation laws. *J. Parallel Distrib. Comput.*, 47(2):139–152, 1997.

[36] Ian Foster, Jonathan Geisler, Carl Kesselman, and Steven Tuecke. Managing multiple communication methods in high-performance networked computing systems. *J. Parallel Distrib. Comput.*, 40(1):35–48, 1997.

[37] Ian Foster, Jr. Kohr, David R., Rakesh Krishnaiyer, and Alok Choudhary. A library-based approach to task parallelism in a data-parallel language. *J. Parallel Distrib. Comput.*, 45(2):148–158, 1997.

[38] Pierre Fraigniaud and Sandrine Vial. Approximation algorithms for broadcasting and gossiping. *J. Parallel Distrib. Comput.*, 43(1):47–55, 1997.

[39] Cong Fu and Tao Yang. Run-time techniques for exploiting irregular task parallelism on distributed memory architectures. *J. Parallel Distrib. Comput.*, 42(2):143–156, 1997.

[40] V.K. Garg, C.M. Chase, Richard Kilgore, and J. Roger Mitchell. Efficient detection of channel predicates in distributed systems. *J. Parallel Distrib. Comput.*, 45(2):134–147, 1997.

[41] Luisa Gargano, Adele A. Rescigno, and Ugo Vaccaro. Communication complexity of gossiping by packets. *J. Parallel Distrib. Comput.*, 45(1):73–81, 1997.

[42] Juan Carlos Gomez, Vernon Rego, and V.S. Sunderam. Efficient multi-threaded user-space transport for network computing: Design and test of the trap protocol. *J. Parallel Distrib. Comput.*, 40(1):103–117, 1997.

[43] Qian-Ping Gu and Hisao Tamaki. Routing a permutation in the hypercube by two sets of edge disjoint paths. *J. Parallel Distrib. Comput.*, 44(2):147–152, 1997.

[44] N. Guil and E.L. Zapata. Fast hough transform on multiprocessors: A branch and bound approach. *J. Parallel Distrib. Comput.*, 45(1):82–89, 1997.

[45] Joon-Ho Ha and Timothy Mark Pinkston. Speed dmon: Cache coherence on an optical multichannel interconnect architecture. *J. Parallel Distrib. Comput.*, 41(1):78–91, 1997.

[46] Torben Hagerup. Allocating independent tasks to parallel processors: An experimental study. *J. Parallel Distrib. Comput.*, 47(2):185–197, 1997.

[47] Mounir Hamdi and Richard W. Hall. Rcc-full: An effective network for parallel computations. *J. Parallel Distrib. Comput.*, 41(2):139–155, 1997.

[48] M.A. Hands, W. Pfeiffer, H. Thienpont, A. Kirk, T.J. Hall, D. Pignon, and P. Parmiter. Proposal for stochastic bit stream processing using optoelectronic smart pixels: A neural network architectural case study. *J. Parallel Distrib. Comput.*, 41(1):92–108, 1997.

[49] Gagan Hasteer and Prithviraj Banerjee. Simulated annealing based parallel state assignment of finite state machines. *J. Parallel Distrib. Comput.*, 43(1):21–35, 1997.

[50] David Hawking. A distributed memory algorithm for lexicon building. *J. Parallel Distrib. Comput.*, 44(1):80–87, 1997.

[51] Steven Homer and Marcus Peinado. Design and performance of parallel and distributed approximation algorithms for maxcut. *J. Parallel Distrib. Comput.*, 46(1):48–61, 1997.

[52] Chao-Ju Hou and Kang G. Shin. Implementation of decentralized load sharing in networked workstations using the condor package. *J. Parallel Distrib. Comput.*, 40(2):173–184, 1997.

[53] William Tsun-yuk Hsu and Pen-Chung Yew. Performance evaluation of wire-limited hierarchical networks. *J. Parallel Distrib. Comput.*, 41(2):156–172, 1997.

[54] Chi-Chung Hui and Samuel T. Chanson. Theoretical analysis of the heterogeneous dynamic load-balancing problem using a hydrodynamic approach. *J. Parallel Distrib. Comput.*, 43(2):139–146, 1997.

[55] Injae Hwang. An efficient processor allocation algorithm using two-dimensional packing. *J. Parallel Distrib. Comput.*, 42(1):75–81, 1997.

[56] Leo J. Irakliotis, Carl W. Wilmsen, and Pericles A. Mitkas. The optical memory-electric computer interface as a parallel processing architecture. *J. Parallel Distrib. Comput.*, 41(1):67–77, 1997.

[57] Nayeem Islam. Customized message passing. *J. Parallel Distrib. Comput.*, 41(2):205–224, 1997.

[58] Donald Johnson, David Lilja, John Riedl, and James Anderson. Low-cost, high-performance barrier synchronization on networks of workstations. *J. Parallel Distrib. Comput.*, 40(1):131–137, 1997.

[59] Maher Kaddoura and Sanjay Ranka. Runtime support for parallelization of data-parallel appplications on adaptive and nonuniform computational environments. *J. Parallel Distrib. Comput.*, 43(2):163–168, 1997.

[60] Magnus Karlsson and Per Stenström. Effectiveness of dynamic prefetching in multiple-writer distributed virtual shared-memory systems. *J. Parallel Distrib. Comput.*, 43(2):79–93, 1997.

[61] Manolis G.H. Katevenis, Evangelos P. Markatos, George Kalokerinos, and Apostolos Dollas. Telegraphos: A substrate for high-performance computing on workstation clusters. *J. Parallel Distrib. Comput.*, 43(2):94–108, 1997.

[62] Ashok Khemka and R.K. Shyamasundar. An optimal multiprocessor real-time scheduling algorithm. *J. Parallel Distrib. Comput.*, 43(1):37–45, 1997.

[63] Ravi B. Konuru, Steve W. Otto, and Jonathan Walpole. A migratable user-level process package for pvm. *J. Parallel Distrib. Comput.*, 40(1):81–102, 1997.

[64] Y. Kopidakis, M. Lamari, and V. Zissimopoulos. On the task assignment problem: Two new efficient heuristic algorithms. *J. Parallel Distrib. Comput.*, 42(1):21–29, 1997.

[65] David M. Koppelman. Sticky states in banyan network queues and their application to analysis. *J. Parallel Distrib. Comput.*, 40(2):147–161, 1997.

[66] Ashok V. Krishnamoorty and David A.B. Miller. Firehose architectures for free-space optically interconnected vlsi circuits. *J. Parallel Distrib. Comput.*, 41(1):109–114, 1997.

[67] Yu-Kwong Kwok and Ishfaq Ahmad. Efficient scheduling of arbitrary task graphs to multiprocessors using a parallel genetic algorithm. *J. Parallel Distrib. Comput.*, 47(1):58–77, 1997.

[68] Chi Chung Lam, C.-H. Huang, and P. Sadayappan. Optimal algorithms for all-to-all personalized communication on rings and two dimensional tori. *J. Parallel Distrib. Comput.*, 43(1):3–13, 1997.

[69] Mario Lauria and Andrew Chien. Mpi-fm: High performance mpi on workstation clusters. *J. Parallel Distrib. Comput.*, 40(1):4–18, 1997.

[70] Cheolwhan Lee, Yuan-Fang Wang, and Tao Yang. Global optimization for mapping parallel image processing tasks on distributed memory machines. *J. Parallel Distrib. Comput.*, 45(1):29–45, 1997.

[71] Jenq Kuen Lee, Ing-Kuen Tsaur, and San-Yih Hwang. Parallel array object i/o support on distributed environments. *J. Parallel Distrib. Comput.*, 40(2):227–241, 1997.

[72] Allen Leung, Krishna V. Palem, and Cristian Ungureanu. Run-time versus compile-time instruction scheduling in superscalar (risc) processors: Performance and trade-off. *J. Parallel Distrib. Comput.*, 45(1):13–28, 1997.

[73] Scott T. Leutenegger and Xian-He Sun. Limitations of cycle stealing for parallel processing on a network of homogeneous workstations. *J. Parallel Distrib. Comput.*, 43(2):169–178, 1997.

[74] Yan Alexander Li, John K. Antonio, Howard Jay Siegel, Min Tan, and Daniel W. Watson. Determining the execution time distribution for a data parallel program in a heterogeneous computing environment. *J. Parallel Distrib. Comput.*, 44(1):35–52, 1997.

[75] Shih-Mim Liu and G.P. Papavassilopoulos. A parallel algorithm for linear programs with an additional reverse convex constraint. *J. Parallel Distrib. Comput.*, 45(2):91–103, 1997.

[76] Honghui Lu, Sandhya Dwarkadas, Alan L. Cox, and Willy Zwaenepoel. Quantifying the performance differences between pvm and treadmarks. *J. Parallel Distrib. Comput.*, 43(2):65–78, 1997.

[77] G. Manimaran, C. Siva Ram Murthy, Machiraju Vijay, and Krithi Ramamritham. New algorithms for resource reclaiming from precedence constrained tasks in multiprocessor real-time systems. *J. Parallel Distrib. Comput.*, 44(2):123–132, 1997.

[78] Bernard Mans. Optimal distributed algorithms in unlabeled tori and chordal rings. *J. Parallel Distrib. Comput.*, 46(1):80–90, 1997.

[79] Philippe J. Marchand, Ashok V. Krishnamoorthy, Gökçe I. Yayla, Sadik C. Esener, and Uzi Efront. Optically augmented 3-d computer: System technology and architecture. *J. Parallel Distrib. Comput.*, 41(1):20–35, 1997.

[80] Toshimitsu Masuzawa and Nobuki Tokura. An algorithm for finding the causal distributed breakpoint. *J. Parallel Distrib. Comput.*, 42(1):60–66, 1997.

[81] Phil May, Myunghee Lee, Scott T. Wilkinson, Olivier Vendier, Zhuang Ho, Steven W. Bond, D. Scott Wills, Martin Brooke, Nan M. Jokerst,

and April Brown. A 100 mbps, led through-wafer optoelectronic link for multicomputer interconnection networks. *J. Parallel Distrib. Comput.*, 41(1):3–19, 1997.

[82] Trevor E. Meyer, James A. Davis, and Jennifer L. Davidson. Analysis of load average and its relationship to program run time on networks of workstations. *J. Parallel Distrib. Comput.*, 44(2):141–146, 1997.

[83] D.A.B. Miller and H.M. Ozaktas. Limit to the bit-rate capacity of electrical interconnects from the aspect ratio of the system architecture. *J. Parallel Distrib. Comput.*, 41(1):42–52, 1997.

[84] Prasant Mohapatra. Dynamic real-time task scheduling on hypercubes. *J. Parallel Distrib. Comput.*, 46(1):91–100, 1997.

[85] Paul J. Murtagh and Ah Chung Tsoi. A reconfigurable bit-serial vlsi systolic array neuro-chip. *J. Parallel Distrib. Comput.*, 44(1):53–70, 1997.

[86] Vijay K. Naik, Sanjeev K. Setia, and Mark S. Squillante. Processor allocation in multiprogrammed distributed-memory parallel computer systems. *J. Parallel Distrib. Comput.*, 46(1):28–47, 1997.

[87] Sorin G. Nastea, Ophir Frieder, and Tarek El-Ghazawi. :load-balanced sparse matrix-vector multiplication on parallel computers. *J. Parallel Distrib. Comput.*, 46(2):180–193, 1997.

[88] Richard Neves and Robert B. Schnabel. Threaded runtime support for execution of fine grain parallel code on coarse grain multiprocessors. *J. Parallel Distrib. Comput.*, 42(2):128–142, 1997.

[89] Jeffrey M. Nick, Gary M. King, Jen-Yao Chung, Nicholas S. Bowen, and Ching-Shan Peng. Parallel sysplex: A scalable, highly available, high performance commercial system. *J. Parallel Distrib. Comput.*, 43(2):179–189, 1997.

[90] David M. Nicol and Gianfranco Ciardo. Automated parallelization of discrete state-space generation. *J. Parallel Distrib. Comput.*, 47(2):153–167, 1997.

[91] Lars Nyland, Jan Prins, Ru Huai Yun, Jan Hermans, Hye-Chung Kum, and Lei Wang. Achieving scalable parallel molecular dynamics using dynamic spatial domain decomposition techniques. *J. Parallel Distrib. Comput.*, 47(2):125–138, 1997.

[92] Stefan Thomas Obenaus and Ted H. Szymanski. Embeddings of star graphs into optical meshes without bends. *J. Parallel Distrib. Comput.*, 44(2):97–106, 1997.

[93] Chao-Wei Ou and Sanjay Ranka. Parallel remapping of adaptive problems. *J. Parallel Distrib. Comput.*, 42(2):109–121, 1997.

[94] Ajith Tom P. and C. Siva Ram Murthy. An improved algorithm for module allocation in distributed computing systems. *J. Parallel Distrib. Comput.*, 42(1):82–90, 1997.

[95] Hyunmin Park and Dharma P. Agrawal. Efficient deadlock-free wormhole routing and virtual-channel reduction in shuffle-based networks. *J. Parallel Distrib. Comput.*, 46(2):165–179, 1997.

[96] James S. Plank, Youngbae Kim, and Jack J. Dongarra. Fault-tolerant matrix operations for networks of workstations using diskless checkpointing. *J. Parallel Distrib. Comput.*, 43(2):125–138, 1997.

[97] Subburajan Ponnuswamy, Minesh B. Amin, Rakesh Jha, and David A. Castañon. A c^3i parallel benchmark based on genetic algorithms — implementation and performance analysis. *J. Parallel Distrib. Comput.*, 47(1):23–38, 1997.

[98] Ravi Prakash, Michel Raynal, and Mukesh Singhal. An adaptive causal ordering algorithm suited to mobile computing environments. *J. Parallel Distrib. Comput.*, 41(2):190–204, 1997.

[99] Loïc Prylli and Bernard Tourancheau. Fast runtime block cyclic data redistribution on multiprocessors. *J. Parallel Distrib. Comput.*, 45(1):63–72, 1997.

[100] Chunming Qiao. A two-level process for diagnosing crosstalk in photonic dilated benes networks. *J. Parallel Distrib. Comput.*, 41(1):53–66, 1997.

[101] Sanguthevar Rajasekaran, Wang Chen, and Shibu Yooseph. Unifying themes for selection on any network. *J. Parallel Distrib. Comput.*, 46(1):105–111, 1997.

[102] Sanguthevar Rajasekaran and David S.L. Wei. Selection, routing, and sorting on the star graph. *J. Parallel Distrib. Comput.*, 41(2):225–233, 1997.

[103] David F. Robinson, Philip K. McKinley, and Betty H.C. Cheng. Path-based multicast communication in wormhole-routed unidirectional torus networks. *J. Parallel Distrib. Comput.*, 45(2):104–121, 1997.

[104] Bernardo Rodriguez, Harry Jordan, and Gita Alaghband. A metric for the temporal characterization of parallel programs. *J. Parallel Distrib. Comput.*, 46(2):113–124, 1997.

[105] Richard G. Rozier, Fouad E. Kiamilev, and Ashok V. Krishnamoorthy. Design and evaluation of a photonic fft processor. *J. Parallel Distrib. Comput.*, 41(1):131–136, 1997.

[106] R. Sarnath and Xin He. On parallel selection and searching in partial orders: Sorted matrices. *J. Parallel Distrib. Comput.*, 40(2):242–247, 1997.

[107] Kirk Schloegel, George Karypis, and Vipin Kumar. Multilevel diffusion schemes for repartitioning of adaptive meshes. *J. Parallel Distrib. Comput.*, 47(2):109–124, 1997.

[108] A. Schoneveld, J.F. de Ronde, and P.M.A. Sloot. Task allocation by parallel evolutionary computing. *J. Parallel Distrib. Comput.*, 47(1):91–97, 1997.

[109] Franciszek Seredynski. Competitive coevolutionary multi-agent systems: The application to mapping and scheduling problems. *J. Parallel Distrib. Comput.*, 47(1):39–57, 1997.

[110] Ravi V. Shankar and Sanjay Ranka. Random data accesses on a coarse-grained parallel machine — i. one-to one mappings. *J. Parallel Distrib. Comput.*, 44(1):14–23, 1997.

[111] Ravi V. Shankar and Sanjay Ranka. Random data accesses on a coarse-grained parallel machine — ii. one-to-many and many-to-one mappings. *J. Parallel Distrib. Comput.*, 44(1):24–34, 1997.

[112] Andrew Sohn and Rupak Biswas. Special issue on dynamic load balancing. *J. Parallel Distrib. Comput.*, 47(2):99–101, 1997.

[113] Andrew Sohn, Mitsuhisa Sato, Namhoon Yoo, and Jean-Luc Gaudiot. Data and workload distribution in a multithreaded architecture. *J. Parallel Distrib. Comput.*, 40(2):256–264, 1997.

[114] Seok Ho Song and El-Hang Lee. Parallel optical packet address detection using planar optical interconnections. *J. Parallel Distrib. Comput.*, 41(1):115–119, 1997.

[115] Tadeusz Szuba and Robert Straš. Parallel evolutionary computing with the random prolog processor. *J. Parallel Distrib. Comput.*, 47(1):78–85, 1997.

[116] Valerie E. Taylor, Rick L. Stevens, and Kathryn E. Arnold. Parallel molecular dynamics: Implications for massively parallel machines. *J. Parallel Distrib. Comput.*, 45(2):166–175, 1997.

[117] M.O. Tokhi, M.A. Hossain, M.J. Baxter, and P.J. Fleming. Performance evaluation issues in real-time parallel signal processing and control. *J. Parallel Distrib. Comput.*, 42(1):67–74, 1997.

[118] Alexander I. Tomlinson and Vijay K. Garg. Monitoring functions on global states of distributed programs. *J. Parallel Distrib. Comput.*, 41(2):173–189, 1997.

[119] Jerry L. Trahan, Ramachandran Vaidyanathan, and Chittur P. Subbaraman. Constant time graph algorithms on the reconfigurable multiple bus machine. *J. Parallel Distrib. Comput.*, 46(1):1–14, 1997.

[120] Koichi Wada, Takaharu Ikeo, Kimio Kawaguchi, and Wei Chen. Highly fault-tolerant routings and fault-induced diameter for generalized hypercube graphs. *J. Parallel Distrib. Comput.*, 43(1):57–62, 1997.

[121] C. Walshaw, M. Cross, and M.G. Everett. Parallel dynamic graph partitioning for adaptive unstructured meshes. *J. Parallel Distrib. Comput.*, 47(2):102–108, 1997.

[122] Dajin Wang and Zhongxian Wang. Minimum assignment of test links for hypercubes with lower fault bounds. *J. Parallel Distrib. Comput.*, 40(2):185–193, 1997.

[123] Lee Wang, Howard Jay Siegel, Vwani P. Roychowdhury, and Anthony A. Maciejewski. Task matching and scheduling in heterogenous computing environments using a genetic-algorithm-based approach. *J. Parallel Distrib. Comput.*, 47(1):8–22, 1997.

[124] Xiaodong Wang and Vwani P. Roychowdhury. Optimal communication algorithms for heterogeneous computing over atm networks. *J. Parallel Distrib. Comput.*, 46(1):62–79, 1997.

[125] Craig M. Wittenbrink and Arun K. Somani. Time and space optimal data prallel volume rendering using permutation warping. *J. Parallel Distrib. Comput.*, 46(2):148–164, 1997.

[126] Min-You Wu and Wei Shu. Dde: A modified dimension exchange method for load balancing in k-ary n-cubes. *J. Parallel Distrib. Comput.*, 44(1):88–96, 1997.

[127] Poting Wu and Elias N. Houstis. Eppod:a problem solving environment for parallel electronic prototyping of physical object design. *J. Parallel Distrib. Comput.*, 42(2):157–172, 1997.

[128] Jingling Xue. Communication-minimal tiling of uniform dependence loops. *J. Parallel Distrib. Comput.*, 42(1):42–59, 1997.

[129] Li-Hsing Yen and Ting-Lu Huang. Resetting vector clocks in distributed systems. *J. Parallel Distrib. Comput.*, 43(1):15–20, 1997.

[130] Bülent Yener, Inderpal Bhandari, Yoram Ofek, and Moti Yung. Fault-tolerant convergence routing. *J. Parallel Distrib. Comput.*, 42(2):173–183, 1997.

[131] Yizhou Yu, Oscar H. Ibarra, and Tao Yang. Parallel progressive radiosity with adaptive meshing. *J. Parallel Distrib. Comput.*, 42(1):30–41, 1997.

[132] Mohammed Javeed Zaki, Wei Li, and Srinivasan Parthasarathy. Customized dynamic load balancing for a network of workstations. *J. Parallel Distrib. Comput.*, 43(2):156–162, 1997.

[133] B.B. Zhou and R.P. Brent. A parallel ordering algorithm for efficient one-sided jacobi svd computations. *J. Parallel Distrib. Comput.*, 42(1):1–10, 1997.

[134] Albert Y. Zomaya and Stephan Olariu. Special issue on parallel evolutionary computing. *J. Parallel Distrib. Comput.*, 47(1):1–7, 1997.