References

[1] R.M. Aiex, S. Binato, and M.G.C. Resende. Parallel grasp with path-relinking for job shop scheduling. *Parallel Computing*, 29(4):393–430, 2003.

[2] Giovanni Aloisio and Massimo Cafaro. A dynamic earth observation system. *Parallel Computing*, 29(10):1357–1362, 2003.

[3] Patrick R. Amestoy, Iain S. Duff, Jean-Yves L'Excellent, and Xiaoye S. Li. Impact of the implementation of mpi point-to-point communications on the performance of two general sparse solvers. *Parallel Computing*, 29(7):833–849, 2003.

[4] Patrick R. Amestoy, Iain S. Duff, Stéphane Pralet, and Christof Vömel. Adapting a parallel sparse direct solver to architectures with clusters of smps. *Parallel Computing*, 29(11-12):1645–1668, 2003.

[5] Asvin Ananthanarayan, Rajiv Balachandran, Robert Grossman, Yunhong Gu, Xinwei Hong, Jorge Levera, and Marco Mazzucco. Data webs for earth science data. *Parallel Computing*, 29(10):1363–1379, 2003.

[6] Cosimo Anglano, Claudio Casetti, Emilio Leonardi, and Fabio Neri. Network interface multicast protocols for wormhole-based networks of workstations. *Parallel Computing*, 29(2):255–283, 2003.

[7] Bassel R. Arafeh. A task duplication scheme for resolving deadlocks in clustered dags. *Parallel Computing*, 29(6):795–820, 2003.

[8] Olivier Beaumont, Arnaud Legrand, and Yves Robert. Scheduling divisible workloads on heterogeneous platforms. *Parallel Computing*, 29(9):1121–1152, 2003.

[9] Martin Bečka and Gabriel Okša. On variable blocking factor in a parallel dynamic block — jacobi svd algorithm. *Parallel Computing*, 29(9):1153–1174, 2003.

[10] Peter Benner, Enrique S. Quintana-Ortí, and Gregorio Quintana-Ortí. State-space truncation methods for parallel model reduction of large-scale systems. *Parallel Computing*, 29(11-12):1701–1722, 2003.

[11] Wolfgang Blochinger, Carsten Sinz, and Wolfgang Küchlin. Parallel propositional satisfiability checking with distributed dynamic learning. *Parallel Computing*, 29(7):969–994, 2003.

[12] Jörgen Blomvall. A multistage stochastic programming algorithm suitable for parallel computing. *Parallel Computing*, 29(4):431–445, 2003.

[13] Olaf Bonorden, Ben Juurlink, Ingo von Otte, and Ingo Rieping. The paderborn university bsp (pub) library. *Parallel Computing*, 29(2):187–207, 2003.

[14] A. Bortfeldt, H. Gehring, and D. Mack. A parallel tabu search algorithm for solving the container loading problem. *Parallel Computing*, 29(5):641–662, 2003.

[15] Jorge Buenabad-Chávez, Henk L. Muller, Paul W.A. Stallard, and David H.D. Warren. Virtual memory on data diffusion architectures. *Parallel Computing*, 29(8):1021–1052, 2003.

[16] James F. Campbell, Gary Stiehr, Andreas T. Ernst, and Mohan Krishnamoorthy. Solving hub arc location problems on a cluster of workstations. *Parallel Computing*, 29(5):555–574, 2003.

[17] Pierpaolo Caricato, Gianpaolo Ghiani, Antonio Grieco, and Emanuela Guerriero. Parallel tabu search for a pickup and delivery problem under track contention. *Parallel Computing*, 29(5):631–639, 2003.

[18] Fan Chan, Jiannong Cao, and Yudong Sun. High-level abstractions for message-passing parallel programming. *Parallel Computing*, 29(11-12):1589–1621, 2003.

[19] Li Chen, Issei Fujishiro, and Kengo Nakajima. Optimizing parallel performance of unstructured volume rendering for the earth simulator. *Parallel Computing*, 29(3):355–371, 2003.

[20] Zizhong Chen, Jack Dongarra, Piotr Luszczek, and Kenneth Roche. Self-adapting software for numerical linear algebra and lapack for clusters. *Parallel Computing*, 29(11-12):1723–1743, 2003.

[21] Ann Chervenak, Ewa Deelman, Carl Kesselman, Bill Allcock, Ian Foster, Veronika Nefedova, Jason Lee, Alex Sim, Arie Shoshani, Bob Drach,

Dean Williams, and Don Middleton. High-performance remote access to climate simulation data: A challenge problem for data grid technologies. *Parallel Computing*, 29(10):1335–1356, 2003.

[22] K.C. Clarke. Geocomputation's future at the extremes: High performance computing and nanoclients. *Parallel Computing*, 29(10):1281–1295, 2003.

[23] Andrea Clematis, Mike Mineter, and Richard Marciano. High performance computing with geographical data. *Parallel Computing*, 29(10):1275–1279, 2003.

[24] Ricardo C. Corrêa, Fernando C. Gomes, Carlos A.S. Oliveira, and Panos M. Pardalos. A parallel implementation of an asynchronous team to the point-to-point connection problem. *Parallel Computing*, 29(4):447–466, 2003.

[25] Wagner T. Corrêa, James T. Klosowski, and Cláudio T. Silva. Out-of-core sort-first parallel rendering for cluster-based tiled displays. *Parallel Computing*, 29(3):325–338, 2003.

[26] Olivier Coulaud, Michaël Dussere, Pascal Hénon, Erik Lefebvre, and Jean Roman. Optimization of a kinetic laser-plasma interaction code for large parallel systems. *Parallel Computing*, 29(9):1175–1189, 2003.

[27] M. D'Apuzzo and M. Marino. Parallel computational issues of an interior point method for solving large bound-constrained quadratic programming problems. *Parallel Computing*, 29(4):467–483, 2003.

[28] Giuseppe Dattilo and Giandomenico Spezzano. Simulation of a cellular landslide model with camelot on high performance computers. *Parallel Computing*, 29(10):1403–1418, 2003.

[29] Manuel Díaz, Bartolomé Rubio, Enrique Soler, and José M. Troya. Domain interaction patterns to coordinate hpf tasks. *Parallel Computing*, 29(7):925–951, 2003.

[30] M. Jahed Djomehri and Rupak Biswas. Performance enhancement strategies for multi-block overset grid cfd applications. *Parallel Computing*, 29(11-12):1791–1810, 2003.

[31] Lúcia M.A. Drummond and Valmir C. Barbosa. On reducing the complexity of matrix clocks. *Parallel Computing*, 29(7):895–905, 2003.

[32] C. Durazzi and V. Ruggiero. Numerical solution of special linear and quadratic programs via a parallel interior-point method. *Parallel Computing*, 29(4):485–503, 2003.

[33] Weijian Fang, Cho-Li Wang, and Francis C.M. Lau. On the design of global object space for efficient multi-threading java computing on clusters. *Parallel Computing*, 29(11-12):1563–1587, 2003.

[34] Christopher J. Freitas, Derrick B. Coffin, and Richard L. Murphy. The characterization of a wide area network computation. *Parallel Computing*, 29(7):879–894, 2003.

[35] Jung-Sheng Fu. Fault-tolerant cycle embedding in the hypercube. *Parallel Computing*, 29(6):821–832, 2003.

[36] Félix García-López, Belén Melián-Batista, José A. Moreno-Pérez, and J. Marcos Moreno-Vega. Parallelization of the scatter search for the p-median problem. *Parallel Computing*, 29(5):575–589, 2003.

[37] Cristian Gatu and Erricos J. Kontoghiorghes. Parallel algorithms for computing all possible subset regression models using the qr decomposition. *Parallel Computing*, 29(4):505–521, 2003.

[38] Bernard Gendron, Jean-Yves Potvin, and Patrick Soriano. A parallel hybrid heuristic for the multicommodity capacitated location problem with balancing requirements. *Parallel Computing*, 29(5):591–606, 2003.

[39] Salma A. Ghoneim and Hossam M.A. Fahmy. Job preemption, fast subcube compaction, or waiting in hypercube systems? a selection methodology. *Parallel Computing*, 29(1):111–134, 2003.

[40] Susana Gómez, Nelson del Castillo, Longina Castellanos, and Julio Solano. The parallel tunneling method. *Parallel Computing*, 29(4):523–533, 2003.

[41] D. González, F. Almeida, L. Moreno, and C. Rodríguez. Towards the automatic optimal mapping of pipeline algorithms. *Parallel Computing*, 29(2):241–254, 2003.

[42] M. Govett, L. Hart, T. Henderson, J. Middlecoff, and D. Schaffer. The scalable modeling system: Directive-based code parallelization for distributed and shared memory computers. *Parallel Computing*, 29(8):995–1020, 2003.

[43] Abdou Guermouche, Jean-Yves L'Excellent, and Gil Utard. Impact of reordering on the memory of a multifrontal solver. *Parallel Computing*, 29(9):1191–1218, 2003.

[44] F. Guerriero and M. Mancini. A cooperative parallel rollout algorithm for the sequential ordering problem. *Parallel Computing*, 29(5):663–677, 2003.

[45] Kenneth A. Hawick, P.D. Coddington, and H.A. James. Distributed frameworks and parallel algorithms for processing large-scale geographic data. *Parallel Computing*, 29(10):1297–1333, 2003.

[46] Erik G. Hoel and Hanan Samet. Data-parallel polygonization. *Parallel Computing*, 29(10):1381–1401, 2003.

[47] M. Isard, M. Shand, and A. Heirich. Distributed rendering of interactive soft shadows. *Parallel Computing*, 29(3):311–323, 2003.

[48] Yoshiyuki Iwamoto, Koichi Suga, Kanemitsu Ootsu, Takashi Yokota, and Takanobu Baba. Receiving message prediction method. *Parallel Computing*, 29(11-12):1509–1538, 2003.

[49] Oh-Han Kang and Si-Gwan Kim. A task duplication based scheduling algorithm for shared memory multiprocessors. *Parallel Computing*, 29(1):161–166, 2003.

[50] Toshi Kato. "kilauea" — parallel global illumination renderer. *Parallel Computing*, 29(3):289–310, 2003.

[51] James Kohout and Alan D. George. A high-performance communication service for parallel computing on distributed dsp systems. *Parallel Computing*, 29(7):851–878, 2003.

[52] Mark Lanthier, Doron Nussbaum, and Jörg-Rüdiger Sack. Parallel implementation of geometric shortest path algorithms. *Parallel Computing*, 29(10):1445–1479, 2003.

[53] Heejo Lee, Jong Kim, Sung Je Hong, and Sunggu Lee. Task scheduling using a block dependency dag for block-oriented sparse cholesky factorization. *Parallel Computing*, 29(1):135–159, 2003.

[54] Hon F. Li and Gabriel Girard. View consistencies and exact implementations. *Parallel Computing*, 29(1):37–67, 2003.

[55] Hemant Mahawar and Vivek Sarin. Parallel iterative methods for dense linear systems in inductance extraction. *Parallel Computing*, 29(9):1219–1235, 2003.

[56] María J. Martín, David E. Singh, J. Carlos Mouriño, Francisco F. Rivera, Ramón Doallo, and Javier D. Bruguera. High performance air pollution modeling for a power plant environment. *Parallel Computing*, 29(11-12):1763–1790, 2003.

[57] James R. McCombs and Andreas Stathopoulos. Parallel, multigrain iterative solvers for hiding network latencies on mpps and networks of clusters. *Parallel Computing*, 29(9):1237–1259, 2003.

[58] Coskun Mermer, Donglok Kim, and Yongmin Kim. Efficient 2d fft implementation on mediaprocessors. *Parallel Computing*, 29(6):691–709, 2003.

[59] A. Migdalas, G. Toraldo, and V. Kumar. Nonlinear optimization and parallel computing. *Parallel Computing*, 29(4):375–391, 2003.

[60] P.H. Muir, R.N. Pancer, and K.R. Jackson. Pmirkdc: A parallel mono-implicit runge-kutta code with defect control for boundary value odes. *Parallel Computing*, 29(6):711–741, 2003.

[61] Naya Nagy and Selim G. Akl. The maximum flow problem: A real-time approach. *Parallel Computing*, 29(6):767–794, 2003.

[62] Apostolos Papadopoulos and Yannis Manolopoulos. Parallel bulk-loading of spatial data. *Parallel Computing*, 29(10):1419–1444, 2003.

[63] Liang Peng, Weng-Fai Wong, and Chung-Kwong Yuen. Silkroad ii: Mixed paradigm cluster computing with rc_dag consistency. *Parallel Computing*, 29(8):1091–1115, 2003.

[64] A. Plastino, C.C. Ribeiro, and N. Rodriguez. Developing spmd applications with load balancing. *Parallel Computing*, 29(6):743–766, 2003.

[65] Manuel Prieto, Ruben S. Montero, Ignacio M. Llorente, and Francisco Tirado. A parallel multigrid solver for viscous flows on anisotropic structured grids. *Parallel Computing*, 29(7):907–923, 2003.

[66] T.K. Ralphs. Parallel branch and cut for capacitated vehicle routing. *Parallel Computing*, 29(5):607–629, 2003.

[67] Fabrice Rastello, Amit Rao, and Santosh Pande. Optimal task scheduling at run time to exploit intra-tile parallelism. *Parallel Computing*, 29(2):209–239, 2003.

[68] Sreekanth R. Sambavaram, Vivek Sarin, Ahmed Sameh, and Ananth Grama. Multipole-based preconditioners for large sparse linear systems. *Parallel Computing*, 29(9):1261–1273, 2003.

[69] Jürgen P. Schulze and Ulrich Lang. The parallelized perspective shear-warp algorithm for volume rendering. *Parallel Computing*, 29(3):339–354, 2003.

[70] Hongzhang Shan, Jaswinder P. Singh, Leonid Oliker, and Rupak Biswas. Message passing and shared address space parallelism on an smp cluster. *Parallel Computing*, 29(2):167–186, 2003.

[71] Chi Shen and Jun Zhang. A fully parallel block independent set algorithm for distributed sparse matrices. *Parallel Computing*, 29(11-12):1685–1699, 2003.

[72] Xiaohui Shen and Alok Choudhary. A distributed multi-storage i/o system for data intensive scientific computing. *Parallel Computing*, 29(11-12):1623–1643, 2003.

[73] Leo Chin Sim, Graham Leedham, Leo Chin Jian, and Heiko Schroder. Fast solution of large $n \times n$ matrix equations in an mimd-simd hybrid system. *Parallel Computing*, 29(11-12):1669–1684, 2003.

[74] Leo Chin Sim, Heiko Schroder, and Graham Leedham. Mimd-simd hybrid system — towards a new low cost parallel system. *Parallel Computing*, 29(1):21–36, 2003.

[75] Ashok Srinivasan, Michael Mascagni, and David Ceperley. Testing parallel random number generators. *Parallel Computing*, 29(1):69–94, 2003.

[76] Yudong Sun and Cho-Li Wang. Solving irregularly structured problems based on distributed object model. *Parallel Computing*, 29(11-12):1539–1562, 2003.

[77] Daisuke Takahashi. A parallel 1-d fft algorithm for the hitachi sr8000. *Parallel Computing*, 29(6):679–690, 2003.

[78] Akira Takeuchi, Fumihiko Ino, and Kenichi Hagihara. An improved binary-swap compositing for sort-last parallel rendering on distributed memory multiprocessors. *Parallel Computing*, 29(11-12):1745–1762, 2003.

[79] V. Teulière and Olivier Brun. Parallelisation of the particle filtering technique and application to doppler-bearing tracking of maneuvering sources. *Parallel Computing*, 29(8):1069–1090, 2003.

[80] Y. Tseng, R.F. DeMara, and P.J. Wilder. Distributed-sum termination detection supporting multithreaded execution. *Parallel Computing*, 29(7):953–968, 2003.

[81] Ramachandran Vaidyanathan, Jerry L. Trahan, and Chun-ming Lu. Degree of scalability: Scalable reconfigurable mesh algorithms for multiple addition and matrix-vector multiplication. *Parallel Computing*, 29(1):95–109, 2003.

[82] E.A.H. Vollebregt, M.R.T. Roest, and J.W.M. Lander. Large scale computing at rijkswaterstaat. *Parallel Computing*, 29(1):1–20, 2003.

[83] Shaowen Wang and Marc P. Armstrong. A quadtree approach to domain decomposition for spatial interpolation in grid computing environments. *Parallel Computing*, 29(10):1481–1504, 2003.

[84] M. Yamashita, K. Fujisawa, and M. Kojima. Sdpara: Semidefinite programming algorithm parallel version. *Parallel Computing*, 29(8):1053–1067, 2003.

[85] G. Zanghirati and L. Zanni. A parallel solver for large quadratic programs in training support vector machines. *Parallel Computing*, 29(4):535–551, 2003.