

References

- [1] Aart J.C. Bik and Harry A.G. Wijshoff. Simple quantitative experiments with a sparse compiler. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 249–262. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [2] George Horatiu Botorog and Herbert Kuchen. Using algorithmic skeletons with dynamic data structures. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 263–276. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [3] Ümit V. Çatalyürek and Cevdet Aykanat. Decomposing irregularly sparse matrices for parallel matrix-vector multiplication. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 75–86. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [4] José M. Cela, Juan C. Dürsteler, and Jesús Labarta. Manufacturing progressive addition lenses using distributed parallel processing. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 339–350. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [5] John A. Chandy, Steven Parkes, and Prithviraj Banerjee. Distributed object oriented data structures and algorithms for vlsi cad. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd*

- International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 147–158. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [6] Ioannis T. Christou and Robert R. Meyer. Fast distributed genetic algorithms for partitioning uniform grids. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 89–103. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [7] Florent de Dinechin, Doran K. Wilde, Sanjay Rajopadhye, and Rummen Andonov. A regular vlsi array for an irregular algorithm. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 195–200. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [8] Will Dearholt, Steven Castillo, and Gary Hennigan. Solution of large, sparse, irregular systems on a massively parallel computer. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 49–62. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [9] Vaibhav Deshpande, Marcus J. Grote, Peter Messmer, and William Sawyer. Parallel implementation of a sparse approximate inverse preconditioner. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 63–

74. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.

- [10] Claude G. Diderich and Marc Gengler. Synchronization as a strategy for designing efficient parallel algorithms. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 229–236. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [11] Susan E. Dorward, Lesley R. Matheson, and Robert E. Tarjan. Towards efficient unstructured multigrid preprocessing. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 105–118. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [12] Ömer Egecioglu and Ashok Srinivasan. Domain decomposition for particle methods on the sphere. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 119–130. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [13] C.T.H. Everaars and F. Arbab. Coordination of distributed/parallel multiple-grid domain decomposition. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 131–144. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [14] Stephen J. Fink, Scott B. Baden, and Scott R. Kohn. Flexible communication mechanisms for dynamic structured applications. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly*

- Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 203–215. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [15] Teofilo F. Gonzalez. Multi-message multicasting. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 217–228. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [16] Raymond Greenlaw and Jonathan Machta. The parallel complexity of randomized fractals. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 351–356. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [17] Michelangelo Grigni and Fredrik Manne. On the complexity of the generalized block distribution. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 319–326. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [18] Torben Hagerup. Allocating independent tasks to parallel processors: An experimental study. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 1–33. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [19] Volker Heun and Ernst W. Mayr. Efficient dynamic embedding of arbitrary binary trees into hypercubes. In A. Ferreira, J. Rolim, Y. Saad,

- and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 287–298. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [20] Galen C. Hunt and Randal C. Nelson. Lineal feature extraction by parallel stick growing. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 171–182. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [21] M. Lamari and W. Fernandez de la Vega. The module allocation problem: An average case analysis. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 307–312. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [22] N. Melab, N. Devesa, M.P. Lecouffe, and B. Toursel. Adaptive load balancing of irregular applications — a case study: Ida* applied to the 15-puzzle problem. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 327–338. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [23] José E. Moreira, Kalluri Eswar, Ravi B. Konuru, and Vijay K. Naik. Supporting dynamic data and processor repartitioning for irregular applications. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 237–248. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.

- [24] Leonid Oliker, Rupak Biswas, and Roger C. Strawn. Parallel implementation of an adaptive scheme for 3d unstructured grids on the sp2. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 35–47. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [25] Niels Reimer, Stefan U. Hänssgen, and Walter F. Tichy. Dynamically adapting the degree of parallelism with reflexive programs. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 313–318. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [26] Rob Schreiber. Support for irregular computation in high performance fortran. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 285–285. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [27] Yuji Shinano, Masahiro Higaki, and Ryuichi Hirabayashi. An interface design for general parallel branch-and-bound algorithms. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 277–284. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [28] Horst D. Simon and Andrew Sohn. Dynamic spectral partitioning. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California,*

- nia, August 19-21, 1996), volume 1117 of *LNCS*, pages 87–87. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [29] Terence R. Smith. Digital libraries and spatial information processing. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 201–201. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [30] Jesper L. Träff and Christos D. Zaroliagis. A simple parallel algorithm for the single-source shortest path problem on planar digraphs. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 183–194. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [31] Jerrell Watts, Marc Rieffel, and Stephen Taylor. Practical dynamic load balancing for irregular problems. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 299–306. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [32] Kathy Yelick. Systems support for irregular parallel applications. In A. Ferreira, J. Rolim, Y. Saad, and T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 145–145. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.
- [33] Yizhou Yu, Oscar H. Ibarra, and Tao Yang. Parallel progressive radixity with adaptive meshing. In A. Ferreira, J. Rolim, Y. Saad, and

T. Yang, editors, *Proceedings of the 3rd International Workshop on Parallel Algorithms for Irregularly Structured Problems, IRREGULAR'96 (Santa Barbara, California, August 19-21, 1996)*, volume 1117 of *LNCS*, pages 159–170. Springer-Verlag, Berlin-Heidelberg-New York-London-Paris-Tokyo-Hong Kong-Barcelona-Budapest, 1996.