

Books and edited proceedings

Yves Robert

Laboratoire LIP, UMR CNRS–ENS Lyon–INRIA 5668
Ecole Normale Supérieure de Lyon
69364 LYON Cedex 07, France
e-mail: Yves.Robert@ens-lyon.fr

References

- [1] Patrice Quinton and Yves Robert. *Algorithmes et architectures systoliques*. Etudes et Recherches en Informatique. Masson, 1989. English translation: *Systolic algorithms and architectures*, Prentice Hall (1991).
- [2] Yves Robert. *The impact of vector and parallel architectures on the Gaussian elimination algorithm*. Manchester University Press and John Wiley, 1991.
- [3] Luc Bougé, Claire Kenyon, Jen-Michel Muller, and Yves Robert. *Exercices d'algorithmique*. Editions Ellipses, 1993.
- [4] Alain Darte, Yves Robert, and Frédéric Vivien. *Scheduling and Automatic Parallelization*. Birkhäuser, 2000.
- [5] Arnaud Legrand and Yves Robert. *Algorithmique Parallèle – Cours et exercices corrigés*. Dunod, 2003.
- [6] Henri Casanova, Arnaud Legrand, and Yves Robert. *Parallel Algorithms*. Chapman & Hall/CRC Press, 2008.
- [7] Anne Benoit, Yves Robert, and Frédéric Vivien. *A guide to algorithm design: paradigms, methods, and complexity analysis*. Chapman & Hall/CRC Press, 2013.
- [8] Michel Cosnard, Patrice Quinton, Yves Robert, and Maurice Tchunte, editors. *Parallel algorithms and architectures*. North Holland, 1986.
- [9] Françoise Fogelman-Soulie, Yves Robert, and Maurice Tchunte, editors. *Automata networks in computer science: theory and applications*. Manchester University Press and Princeton University Press, 1987.
- [10] Michel Cosnard, Patrice Quinton, Michel Raynal, and Yves Robert, editors. *Parallel and distributed algorithms*. North Holland, 1989.
- [11] Patrice Quinton and Yves Robert, editors. *Algorithms and parallel VLSI architectures II*. North Holland, 1991.
- [12] Michel Cosnard, Maurice Nivat, and Yves Robert, editors. *Algorithmique parallèle*. Masson, 1992.
- [13] Luc Bougé, Michel Cosnard, Yves Robert, and D. Trystram, editors. *Parallel Processing: CONPAR 92 - VAPP V*, LNCS 634. Springer Verlag, 1992.

- [14] Peter Cappello, Catherine Mongenet, Guy-René Perrin, Patrice Quinton, and Yves Robert, editors. *Application-specific array processors ASAP'95*. IEEE Computer Science Press, 1995.
- [15] Luc Bougé, Pierre Fraigniaud, Anne Mignotte, and Yves Robert, editors. *EuroPar'96*, LNCS 1123-1124. Springer Verlag, 1996.
- [16] Yves Robert, Manish Parashar, Ramamurthy Badrinath, and Viktor Prasanna, editors. *High Performance Computing (HiPC) 2006*, LNCS 4297. Springer Verlag, 2006.
- [17] Yves Robert and Frédéric Vivien, editors. *Introduction to Scheduling*. Chapman and Hall/CRC Press, 2009.
- [18] Thomas Héroult and Yves Robert, editors. *Fault-Tolerance Techniques for High-Performance Computing*, Computer Communications and Networks. Springer Verlag, 2015.
- [19] Patrice Quinton and Yves Robert, editors. *Special issue on Algorithms and Architectures*. Integration, the VLSI Journal, 14, 3, 1993.
- [20] Chris Lengauer, Patrice Quinton, Yves Robert, and Lothar Thiele, editors. *Special issue on Parallelization techniques*. Parallel Processing Letters 4, 3, 1994.
- [21] Santosh Pande, J. Ramanujam, and Yves Robert, editors. *Special issue on Compiling for scalable parallel systems*. Parallel Processing Letters 7, 4, 1997.
- [22] Luc Bougé, Pierre Fraigniaud, Anne Mignotte, and Yves Robert, editors. *Special issue on Parallel Computing*. Theoretical Computer Science 196, 1998.
- [23] Alain Darte, Yves Robert, and George-André Silber, editors. *Special issue on Compilers for parallel computers*. Parallel Processing Letters 10, 2-3, 2000.
- [24] Catherine Mongenet and Yves Robert, editors. *Special issue on Techniques de parallélisation automatique*. Techniques et Science Informatiques 20, 8, 2001.
- [25] Alexey Kalinov, Alexey Lastovetsky, and Yves Robert, editors. *Special issue on Heterogeneous computing*. Parallel Computing 31, 7, 2005.
- [26] Henri Casanova, Yves Robert, and H.J. Siegel, editors. *Special issue on Algorithm design and scheduling techniques (realistic platform models) for heterogeneous clusters*. IEEE Trans. Parallel Distributed Systems 17, 2, 2006.
- [27] Larry Carter, Henri Casanova, Frédéric Desprez, Jeanne Ferrante, and Yves Robert, editors. *Special issue on Scheduling techniques for large-scale distributed platforms*. Int. J. High Performance Computing Applications 20, 1, 2006.
- [28] Larry Carter, Henri Casanova, Frédéric Desprez, Jeanne Ferrante, and Yves Robert, editors. *Special issue on Scheduling techniques for large-scale distributed platforms*. Int. J. High Performance Computing Applications 20, 4, 2006.
- [29] Yves Robert, editor. *Special issue on IPDPS'2008*. J. Parallel and Distributed Computing 69, 9, 2009.
- [30] Yves Robert, Leonel Sousa, and Denis Trystram, editors. *Special issue on ISPDC'2009 and HeteroPar'2009*. Parallel Computing 37, 8, 2011.
- [31] Viktor Prasanna, Yves Robert, and Per Stenstrom, editors. *Special issue on Perspectives on Parallel and Distributed Computing*. J. Parallel and Distributed Computing 74, 7, 2014.
- [32] Franck Cappello and Yves Robert, editors. *Special issue on Resilience*. Int. J. High Performance Computing Applications 29, 4, 2015.

- [33] Leonardo Bautisat Gomez, Ana Gainaru, and Yves Robert, editors. *Special issue on FTS'2017*. Int. J. High Performance Computing Applications 29, 4, 2018, to appear.