computational complexity

Special issue, final part "Conference on Computational Complexity 2004" Guest Editor's foreword

The first two papers of this issue are part of the special issue of *computational complexity* containing archival versions of papers that appeared in preliminary form in the proceedings of the 19th Annual IEEE Conference on Computational Complexity (CCC 2004), held on the campus of the University of Massachusetts in Amherst, MA, June 21-24, 2004. The program committee of the conference, chaired by Russell Impagliazzo, selected some of the conference papers for inclusion in special issues of *computational complexity*, to represent the high quality and breadth of research presented at the conference. In addition to the first two papers of this issue, four further papers that were similarly invited appeared in *computational complexity* **14** earlier in 2005, namely the first paper of No. 1 and the three of No. 2. All of these papers were refereed according to the journal's standards.

I thank Editor-in-Chief Joachim von zur Gathen for his help in preparing this issue. I thank the referees for their careful, thoughtful, and prompt reviews. I thank my fellow members of the program committee for their assistance in selecting the papers that were invited to the special issue. I thank Russell Impagliazzo and the conference committee (chaired by Lance Fortnow) for asking me to serve as editor for this project. Most of all, I thank the authors whose papers appear here.

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