Foreword

Today there are perhaps more than one million users of packages for symbolic mathematical computation and, each year, as these software packages become increasingly capable, the ranks of users mount. The developments which fuel this growth are derived from the basic research of a few hundred individuals working in algorithmic mathematics and in areas of computer science.

ISSAC, the International Symposium on Symbolic and Algebraic Computation, is the major annual meeting where research results in this area are first communicated. ISSAC’95, to be held from July 10 to 12 at Concordia University in Montreal, is the twentieth meeting in this series.

These proceedings represent the scientific record of ISSAC’95, and consist of the text of those research papers accepted for presentation. All papers submitted for consideration were evaluated by members of the program committee, external reviewers, or both, with each paper receiving on average four reviews. In the end, these forty papers were selected.

Augmenting the core program of contributed research papers, the symposium features invited presentations, a session of software system news, and poster sessions, as well as a pre-conference day of tutorials. Abstracts of the invited presentations and the tutorials are included in this volume.

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