ALGORITHMS AND COMPLEXITY

New Directions and Recent Results
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Proceedings of a Symposium on New Directions and Recent Results in Algorithms and Complexity
ALGORITHMS AND COMPLEXITY

New Directions and Recent Results

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PREFACE

These are the Proceedings of a Symposium on New Directions and Recent Results in Algorithms and Complexity held by the Computer Science Department, Carnegie-Mellon University, April 7–9, 1976.

The Proceedings contain the texts of 14 of the 16 invited papers presented. The only exceptions are "Combinatorial Games" by E. Berlekamp and "Analysis of Hashing Algorithms" by M. S. Paterson. The invited papers were selected by the Program Committee: A. Borodin, University of Toronto; Richard M. Karp, University of California, Berkeley; Donald E. Knuth, Stanford University; and Joseph F. Traub, Carnegie-Mellon University.

The Proceedings also include the titles and abstracts of the 85 contributed papers presented at the symposium.

I am deeply indebted to Lucy Erman for the masterful way in which she supervised operations before, during, and after the symposium. My thanks go to Dorothy Josephson and Mercedes Bogi for their rapid and accurate typing of the program and the contributed paper abstracts. I am indebted to other people, too numerous to list individually, who helped make the symposium a success.

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