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Edited by G. Goos and J. Hartmanis

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FOREWORD



This volume contains 11 invited papers and 44 short communications contributed for presentation at the 11th Symposium on Mathematical Foundations of Computer Science - MFCS '84, held at Prague, Czechoslovakia, September 3 - 7, 1984.

The symposium was organized by the Committee of Applied Cybernetics of the Czechoslovak Scientific and Technological Society in cooperation with the Faculty of Mathematics and Physics of Charles University, Prague, Computing Science Department of the Purkyně University, Brno, the Faculty of Natural Sciences of the Šafárik University, Košice, and the Federal Ministry for Technical and Investment Development.

The contributions in these Proceedings were selected from 107 papers submitted in response to the call for papers. The selection was made on the basis of originality and relevance to theoretical computer science by the international program committee.

The program committee of MFCS '84 consisted of J. Bečvář /Prague/, J. Berstel /Paris/, A. Blikle /Warsaw/, R. Book /St. Barbara/, W. Brauer /Hamburg/, M. Chytil /Prague/ - chairman, P. van Emde Boas /Amsterdam/, R. Freivalds /Riga/, J. Hartmanis /Ithaca/, V. Koubek /Prague/, W. Lipski /Warsaw/, A. Meyer /Cambridge/, A. Salwicki /Warsaw/, A. Slichenko /Leningrad/, J. W. Thatcher /Yorktown Heights/, L. Valiant /Cambridge/, G. Wechsung /Jena/, J. Wiedermann /Bratislava/, M. Yannakakis /Murray Hill/.

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In evaluating the submitted papers, the following referees assisted to the program committee members: J. Adámek, A. Andžans, K. R. Apt, W. Bartol, J. M. Barzdin, M. Ben-Or, S. L. Bloom, L. Boasson, A. Brandstädt, B. Chlebus, C. Choffrut, J. Dassow, O. Demuth, P. Enjalbert,

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Prague, May 1984

Michal Chytil, Václav Koubek

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