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FOREWORD

This volume contains 11 invited papers and 42 short communications contributed for presentation at the 13th Symposium on Mathematical Foundations of Computer Science - MFCS'88, held at Carlsbad, Czechoslovakia, August 29 - September 2, 1988.

The contributions in these Proceedings were selected from 123 papers submitted in response to the call for papers. The following program committee members took part in the evaluation and the selection of submitted papers:

Franz-Josef Brandenburg (Passau), Michal Chytil (Praha), Aldo de Luca (Napoli), Peter van Emde Boas (Amsterdam), Rusinš Freivalds (Riga), Jozef Gruska (Bratislava), Juris Hartmanis (Ithaca), Matthew Hennessy (Brighton), Ker-I-Ko (Stony Brook), Vadim Kotov (Novosibirsk), Václav Koubek (Praha), Eugene L. Lawler (Berkeley), Antoni Mazurkiewicz (Warszawa), Dominique Perrin (Paris), Pavel Pudlák (Praha), Grzegorz Rozenberg (Leiden), Arto Salomaa (Turku), Andrzej Salwicki (Warszawa), James W. Thatcher (Yorktown Heights), Gerd Wechsung (Jena).

In evaluating the submitted papers, the following referees assisted the program committee members: I.J. Aalbersberg, L. Aceto, L. Banachowski, H. Barendregt, A. Bertoni, M. Bidoit, S.L. Bloom, A. Brandstädt, M. Broy, A. Carpi, A.K. Chandra, B.G. Cheblakov, L.A. Cherkasova, C. Choffrut, W.I. Chong, R. Cleaveland, C. de Felice, P. Degano, M. Dezani-Ciancaglini, P. Ďuriš, M. Fiby, A. Finkel, U. Goltz, S.S. Goncharov, M. Grabowski, P. Hájek, T. Harju, A. Hemmerling, H.J. Hoogeboom, R.R. Howell, J. Hromkovič, V.E. Itkin, M. Jantzen, J.P. Jouannaud, H. Jung, J. Karhumäki, A. Kelemenová, M. Kifer, H. Kirchner, P. Kleinschmidt, J.W. Klop, F. Kluźniak, R. Koymans, J. Krajíček, D. Kratsch, M. Křivánek, G.A. Kucherov, M. Latteux, M. Linna, G. Lischke, P. Materna, G. Mirkowska, T. Moriya, R. Motwani, H. Müller, V.A. Nepomniaschy, M. Nielsen, E. Ochmanski, E.R. Olderog, F.J. Oles, P. Padawitz, E. Pelz, W. Penczek, U. Petermann, A. Pitts, I. Prívara, A. Raghunathan, I.V. Ramakrishnan, J-L. Remy, A. Restivo, A. Rosenfeld, L.E. Rosier, K. Ruohonen, P. Ružička, M. Rycko, N. Sabadini, S.S. Safarov, K. Salomaa, P. Savický, H. Saran, S.G. Seduchyn, N.V. Shilov, L.

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Staiger, P. Štěpánek, A. Stoughton, J. Štunc, K. Sutner, D.I. Sviridenko, A. Szalas, M. Takahashi, W. Thomas, J. Tiurnyn, P. Turakainen, P. Urzyczyn, W. Tzeng, M. Vajteršic, G. Vidal-Naquet, W. Vogler, K. Voss, J. Vyskoč, E.G. Wagner, K.W. Wagner, T. Warnow, J. Wiedermann, M. Wirsing, S. Žák.

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, Computer Science Department of the Purkyně University, Brno, the Faculty of Natural Sciences of the Šafárik University, Košice, and the Faculty of Mathematics and Physics of Comenius University, Bratislava.

The organizing committee of MFCS'88 consisted of G. Andrejková, A. Goralčíková, J. Hromkovič, M. Chytil, L. Janiga - chairman, V. Koubek, J. Krajíček, B. Miniberger, J. Peterka, I. Peterková, Z. Renc, M. Zeithamlová, and J. Zlatuška.

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Praha, May 1988

Michal P. Chytil, Ladislav Janiga, Václav Koubek

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