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Prof. Dr. G. I. Marchuk
Computer Center
Novosibirsk 630090/USSR

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PREFACE

The Proceedings are based on the papers presented at the IFIP Technical Conference on Optimization Techniques held in Novosibirsk, July 1-7, 1974. The Conference was organized by the IFIP Technical Committee on Optimization (TC-7) and by the Academy of Sciences of the USSR.

The Conference was devoted to a discussion of the following topics: Theory of Differential Games, Mathematical Programming and Numerical Algorithms, Optimal Control, System Modelling and Identification.

The papers given at the Conference reflected an active progress that had been made in the above mentioned areas and an increasing interest of specialists in optimization in the problems of economy and the environment.

The International Program Committee consisted of:

L.S. Pontrjagin, G.I. Marchuk (USSR), Chairman, A.V. Balakrishnan (USA), J.L. Lions (France), J. Stoer (West Germany), P. Conti (Italy), K. Yajima (Japan), and S. Olech (Poland).

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