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Edited by Jean Cea



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PREFACE

These Proceedings are based on the papers presented at the 7th IFIP Conference on Optimization Techniques held in Nice, September 8-12, 1975. The Conference was sponsored by the IFIP Technical Committee on Optimization (TC 7) with the co-operation of:

AFCET (Association Française pour la Cybernétique Economique et Technique)

IRIA (Institut de Recherche en Informatique et en Automatique)

SMF (Société Mathématique de France)

Université de Nice, Ville de Nice and Conseil Général des Alpes-Maritimes.

The Conference was devoted to recent advances in optimization techniques and their application to modeling, identification and control of large systems. Major emphasis of the Conference was on the most recent application areas including: environmental systems, socio-economic systems, biological systems.

The Proceedings are divided into two volumes: In the first are collected the papers in which the methodological aspects are emphasized; in the second those dealing with various application areas.

The international Program Committee of the Conference consisted of:

A.V. Balakrishnan (U.S.A.), B. Fraeijs de Veubeke (Belgium), G. Nyiry (Hungary), A. Kalliauer (Austria), L.L. Lions (France), G. Marchuk (USSR), C. Olech (Poland), L.S. Pontryagin (USSR), A. Ruberti (Italy), F. Stoer (FRG), J.H. Westcott (United Kingdom), K. Yajima (Japan).

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