OPERATIONS RESEARCH AND MODERN MATHEMATICS IN THE ENTERPRISES OF CHEMICAL INDUSTRY

Mamaia, September 23—24, 1977

During September 23—24, 1977, took place in Mamaia the proceedings of the symposium "Operations Research and Modern Mathematics in the Enterprises of Chemical Industry" organized by Chimpex Constanța, where more than 150 specialists in the fields of operations research and modern mathematics, cybernetics and informatics, chemical industry and from other computing centres all over the country, have participated.

There were presented scientific communications by the specialists from Chimpex Constanța, Laboratories of Economic Cybernetics Department, Academy of Economic Studies, Bucharest, from the Industrial Central of Refineries and Petrochemistry — CIRP Ploiești, from the computing centre of Chemical Industry, Bucharest, territorial computing centre in Iași, from ITLPP-PECO Ploiești, form the Plastics Enterprise in Iași and from the Institute of research and design of cellulose and paper in Brăila.

Among the most important works, we mention": "Selection of Optimum Offers for Programming the Imports of Petroleum with the Aid of Linear Programming and Electronic Computer" by Dr. Eng. G.I. Bărbatu, V. Ionescu and others; "Ascertainment of Sensitiveness to Ethylene of Gasolines with the Aid of Multiple Correlation" by Dr.Eng. G.I. Bărbatu, V. Ionescu V. Cătuneanu, N. Ioanesi and G. Chiselef; "Programming Launching and Surveying of Production in the Petrochemistry Activity" by M. Grațian from CIRP Ploiești; "Mathematical Modelling Applied to the Activity of Planning the Industrial Production to the Combine of Synthetic Fibres in Iași" by C. Cuza, V. Herțeanu and G. Nistor.

The symposium has occasioned an important and useful exchange of experience among the specialists working in the field of working out, improving and applying the modern techniques and methods of organization and management, real sources of scientific motivating the decisions and increase of the efficiency of economic activities in the enterprises of chemical industry.

Dr. Eng. G. I. Bărbatu