

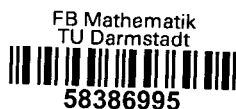
AL

Lecture Notes in Economics and Mathematical Systems

Managing Editors: M. Beckmann and W. Krelle

292

I. Tchijov L. Tomaszewicz (Eds.)



Input-Output Modeling

Proceedings of the Sixth IIASA
(International Institute for Applied Systems Analysis)
Task Force Meeting on Input-Output Modeling
Held in Warsaw, Poland, December 16–18, 1985



Fachbereich Mathematik
Technische Hochschule Darmstadt
Bibliothek

Inv.-Nr. 327478

Springer-Verlag

Berlin Heidelberg New York London Paris Tokyo

CONTENTS

Introduction	1
<i>Iouri Tchijov and Lucja Tomaszewicz</i>	
Principles and Practices of the INFORUM Interindustry Macro Model	7
<i>Clopper Almon</i>	
The Use of Impact Tables in Policy Applications of Input-Output Models	27
<i>Paal Sand</i>	
On Policy Applications of Input-Output Models in the Federal Republic of Germany	45
<i>Renate Filip-Köhn and Reiner Stöglin</i>	
Technological Progress Analysis: Some Input-Output Approaches	59
<i>Iouri Tchijov and Irene Sytchova</i>	
Inforum-Type Model for Czechoslovakia	67
<i>Pavol Karasz</i>	
An Easy Econometric Way of Constructing Input-Output Tables	79
<i>J.F. Divay and F. Meunier</i>	
Financial Restrictions in Optimizing Dynamic Input-Output Model	91
<i>Sergei V. Kazantzev</i>	
Changes of Output Capacity Utilization Caused by Structural Changes of Material Inputs	99
<i>Czesław Lipiński</i>	
Exchange Rates: How They Effect Prices and Quantities in the INFORUM-ERI International System of Macroeconomic Input-Output Models	107
<i>Douglas Nyhus</i>	
Intra-CMEA Trade Share Matrices Reconstruction and Analysis for 1971-1980	113
<i>Adam B. Czyzewski, Andrzej Tomaszewicz and Lucja Tomaszewicz</i>	
Industrial Use of Input-Output Models - Austrian Experiences	119
<i>Josef Richter</i>	
Industrial Modeling with Input-Output. An Application to the Italian Metal Mechanical Industry	125
<i>F. Gerard Adams</i>	
Supply Rigidities in Input-Output Modeling of the Wood and Paper Industry Development	139
<i>Anatoli Smyshlayev</i>	

VI

The Input-Output Model of the GDR Forest Sector <i>Hans-Ulrich Brautzsch</i>	153
Input-Output Model for Analyzing National Economics of Varying Energy Intensities <i>T. Revesz</i>	163
Impact of Constraints in Energy Imports and Energy Production of Final Domestic Demand <i>Gabrielle Antille and Bernadette Laplanche</i>	169
Special Input-Output Model for Analyzing the Effectiveness of the Energy Supply Systems <i>P. Erdösi</i>	185