MATEMATIKA I KIBERNETIKA V EKONOMIKA. SLOVAR – SPRAVOCINIK

(Mathematics and Cybernetics in Economy)

The Ekonomika Publishing House, Moscow, 1975

The reviewed study brought out in a much improved and completed edition synthetizes in an encyclopaedic manner the results of the theoretical-scientific research and the practical experience gained in the Soviet Union during the last 20—30 years in the field of economic mathematics and economic cybernetics.

The best scientific forces, well known researchers, such as L.V. Kantorovici (Nobel Prize winner in 1975 in the field of economic sciences), Academician N. F. Fedorenko, A. A. Konius, N. E. Kobrinski, D. V. Indin and a number of representatives of the schools of mathematical economics and economic cybernetics in Moscow, Leningrad, Novosibirsk, Kiev, etc. have taken part in the working out of the study.

Over 300 terms in the field of economic sciences, mathematics and cybernetics are treated in the study. The problems of economic-mathematical modelling and of information and management automatic systems in the economy are correspondingly illustrated. The inserted articles may be classified on the following big domains: general problems, planning economic mathematics, cybernetics and the general systems theory, economic-mathematical modelling, information and management automatic systems, the use of electronic computers in economy and statistics. Thus, the sphere is vast and quite complete. It can be said that the collective of authors has succeeded in offering, in good conditions, a guide-dictionary on mathematics and cybernetics in economy. The selection of the terms has succeeded in securing a sufficiently complete image of the rich subject-matter. Generally, the presentation was made at a modern scientific level, corresponding to the contemporary standard of knowledge.

The exposée is condensed but clear and accessible to a wide circle of readers.

Since such a work of synthesis does not exist in our literature we deem it opportune to publish the Romanian version of the reviewed book. It would be extremely useful to workers in production, research and education, having preoccupations in the application of the mathematical, cybernetic and information methods in the economy.

Prof. dr. L. Tövissi