Professor Dr. Künzi Schilling: EINFÜHRUNG IN DIE ELEKTRONISCHE DATENVERARBEITUNG

(Introduction in the Electronic Processing of Data)

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The authors of the book base the sequence of the themes expounded on their lectures at the Eidgenössische Technische Hochschule, Zürich (Zürich Polytechnical School), about the technique in using electronic computers for processing economic data.

After describing the working principles and technical elements of electronic computers, the main part of the book is devoted to programming problems, each theme being illustrated by practical programming examples.

An important chapter deals with the possibilities offered by the FORTRAN programming speech, both for the programming of scientific problems and for problems of evidence and statistics.

Other chapters are devoted to the explanation of the symbolic programming systems and to the direct translation systems of programmes (COMPILER).

Since the problems treated are partly related to the specific features of the electronic computer used, the author uses, in this book, for illustrations, the programming of the IBM 1620 system installed at the ETZH, Zürich.

In conclusion, this book, synthesizing the experience of a renowned didactic chair at one of the oldest universities in Europe, may also prove useful both to the didactic staff and to the students in our country, in view of enlarging their knowledge in the domain of programming and in using electronic computers in economy.

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