G. Cruțu, C. Lupșa

PROGRAMAREA LA CALCULATORUL FELIX-C 256, FORTRAN, COBOL

Programming on the Computer FELIX-C 256, FORTRAN, COBOL

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The literature of speciality in our country on the programming of electronic computers has still very few programming text-books. Of course, there are a number of books achieving the introduction to programming, the general description of languages, of the programmes, etc, but there are only a few effective text-books for current use on the computer, among which we quote: "Introduction to COBOL" by Margareta Drăghici, for the computer FELIX-C 256, "Programming in PL/7" by Paul Georgescu for the IBM/360 system and the university course of COBOL of the Academy of Economic Studies (team: V. Ionescu, I. Catona, G. Diaconescu).

For the FELIX-C 256 system, considering its ever larger use in our country, any book is welcome, offering the possibility of knowning the system programming. In this respect, the book "Programming on the computer FELIX-C 256, FORTRAN, COBOL" by G. Cruțu and C. Lupșa, recently published by the Scientific Publishing House, is welcome.

Worth mentioning is especially the fact that the description of the languages is accompanied by many examples and that some very useful details for coding are inserted in the text. This shows the good practical orientation of the authors. It should be also mentioned that this book comprises a complete solution (analysis, logical diagram, coding forms, programming) to middle-range problems, extremely necessary considering the demand to describe programming within the analysis process. These representative examples are well chosen.

The volume also describes the hardware and software condition in which the COBOL and FORTRAN programmer works on the FELIX-C 256 system, at the level necessary for finalizing the programmes and for their effective running.

Finally, the book has an introductory part dealing with the essential concepts, such as binary notation, boolen functions and the general diagram of the computer.

As a general conclusion, the book is warmly recommended as a useful and well written text-book for effective programming, up to a "dialogue" with the FELIX-C 256 system computer.

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