CUTTING STOCKS SYMPOSIUM

Buşteni, September, 12—24, 1977

In September 19—24, 1977, a cutting stocks symposium was organized in Buşteni by the Ministry of Wood Industry and Construction Materials.

Symposium goals were:

— exchange of experience with the users of CROCODIL programs system worked out within the Laboratories of Economic Cybernetics Department, Academy of Economic Studies, Bucharest;

— presentation of all cutting stocks program systems developed on a national plan;

— training of staff in some computing centres of the enterprises for wood working with a view to apply CROCODIL programs system to optimizing the cutting stocks.

Symposium in Buşteni has taken into consideration the general trend to reducing the material consumption, a very important problem in our days.

High experienced users in the field of CROCODIL systems proved to be those from the computing centres: IPL-Pipera, IPL-Rîmnicu Vîlcea, IPL-Piteşti and IPL-Braşov, which usually apply the system for working out the cutting stock receipts of the rectangular elements which are components of manufactured furniture.

There were presented the programming systems for solving the problem of cutting stocks, by L.D. Duţă, Cs. Fabian from the Laboratories of Economic Cybernetics Department, Academy of Economic Studies, Bucharest, V. Chichemea, St. Pătruţ from "Stefan Gheorghiu" Academy, CEPECA — Bucharest, N. Popovici, A. Stefănescu from the computing centre of Bucharest University, St. Tigon, I. Oprea from the territorial computing centre in Cluj, I. Costescu. C. Miclăuş from the computing centre of waggon enterprise in Arad.

The participants from several entreprises of wood working, have expressed their satisfaction regarding the performances of CROCODIL system.

Bearing in mind the fact that in the last years in enterprises have appeared new equipment whose technology of cutting simplifies or renders more difficult the solving of cutting stock problem with the aid of the computer, the participants have pointed out their points of view and asked for different possible extensions of the system.

Cs. Fabian