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A CAD system utilizing artificial intelligence components

The ARTIF V.1.52 system has been developed by the firm of SOLID CONSULT in Gdańsk for the designing of bar structures. It utilizes an original editing technique which makes it possible to define a computational task by means of the natural language of graphics symbols which is unequivocal and easy to understand by a design engineer. The graphical data editing technique can be used for describing highly differentiated engineering problems and it can be integrated with various computational routines. Details on p. 2.

Management-aiding computer systems

INWESTPROJEKT-SŁUPSK is one of the leading suppliers of software on the Polish market. This firm has developed a number of information systems designed for aiding the management of various enterprises. Interconnections existing between different systems make possible the setting up of suitable configurations while the far-reaching parametrization allows to adapt them to the particular characteristics of any enterprise. The article on p.2 presents some of the systems developed in INWESTPROJEKT-SŁUPSK, i.e. GOSPODARKA MATERIAŁOWA, KOSZTORYSOWANIE, the FINANSOWO-KSIĘGOWY system, KADRY and PŁACE. The features making these systems outstanding among others are: ease of operation, very large capacity savings, high processing rate. See p. 5.

A microcomputer-based seismic station

The MSS MK-2 microcomputer-based seismic station developed by the Institute of Geophysics, Polish Academy of Sciences in Warsaw is designed for the high-precision analysis and recording of seismic data. It can be adapted for recording and analyzing near and distant tremors and for collecting data from one sensor or from many stations of either local or tele-seismic networks. The MK-2 station incorporates analogue circuits and systems for the conversion of analogue seismic signals into digital signals in the immediate vicinity of the seismometers. See p. 18.

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