VISUAL GRAPHICS-BASED SATURN ENVIRONMENT

Description
The SATURN environment has been designed to develop, modify and implement knowledge packages based on the graphic user interface.

Technical appraisal and economic advantages
The use of the SATURN environment ensures a 3-6-fold reduction of labor costs at the stages of development and application of the software support for complicated data-processing models and methods for studying them and guarantees high-quality software product.

Application areas
The major area of application of the SATURN environment is the control theory of motion. The use of the system implies creation of a system environment for computer simulation, analysis, and design of control systems for complicated moving patterns of moving objects based on knowledge accumulation and implementation systems and faultless programming. The SATURN environment can also be employed in other fields, where the methods of computational experiment and knowledge on the mathematical models of physical objects or phenomena are used and the model study algorithms can be represented as a set of module subroutines in FORTRAN, Pascal or C languages.

Development stage
Laboratory-scale model used at a research institute.

Patent situation
The RF certificates for the software were issued in 1997-2001.

Commercial Offers
Investment contract for commercialization of the development.

Estimated cost
100-2,000 US$.

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