

DESIGNING A SYSTEM OF AUTOMATIC DATA TRANSFER BETWEEN UNIGRAPHICS NX4 AND CATIA V5 SYSTEMS SAVING THE CONSTRUCTION TREE

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The paper discusses the main disadvantages of the existing methods of geometric information exchange between computer design systems. A new method of data transfer between CAD-systems is proposed which is based on the use of ontological data model stored in the unification file.

CAD-systems, data transfer, construction tree, data models, modeling.

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