

Heterogeneous Volume Modeling

Instructions for the laboratory works

Laboratory works contain following themes:

- Function representation of geometric models
- Volume-based modeling
- Heterogeneous Volume Modeling

The virtual machine with necessary development environment and the examples of the performed laboratory works is provided.

The examples of the laboratory works are given as the binary executed files and as a source code.

Software for the function representation modeling and heterogeneous modeling is the open source project – HyperFun.

Software for Volume-based modeling is – Symvol for Rhino.

You may use any other preferable programming language and tools.