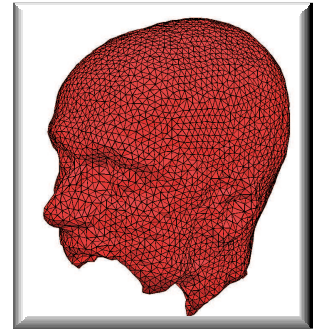


# TetGen

## 3D-Mesh Generation

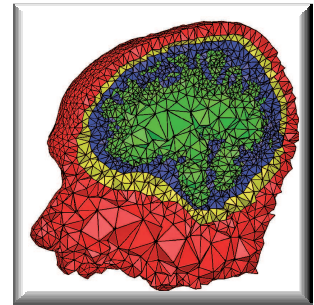
### Product

**TetGen** creates three-dimensional tetrahedral meshes for numerical simulations based on finite volume and finite element methods. **TetGen** contains facilities to control the mesh quality and to perform local mesh adaptation. Furthermore, it is able to create boundary conforming Delaunay meshes.



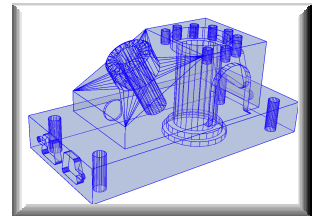
### Key Features

**TetGen** can be used standalone as a command line based program. At the same time, its library version can be linked into other programs. Most important operation systems (Windows, Unix/Linux, MacOS X) are supported. The object geometry is described by surfaces using planar polygons. It is assumed that this surface description is consistent and complete. Data transfer is facilitated by **TetGen**'s own file format or by a programming interface. Input of STL data is possible. Based on these options, other CAD formats could be used with **TetGen** as well.

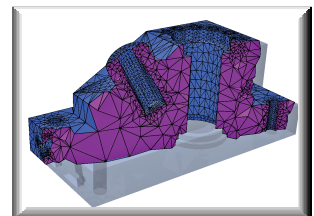


### Service

- Licensing for use in your software products
- Free download for testing purposes
- Individual consultations
- Solution of open problems in the framework of R&D contracts



### Geometry Input



Mesh generated by TetGen

**Dr. Hang Si**

Weierstraß-Institut für Angewandte Analysis und Stochastic · Mohrenstraße 39 · 10117 Berlin · Germany  
 Fon 030 203 72-446 · [hang.si@wias-berlin.de](mailto:hang.si@wias-berlin.de) · [www.wias-berlin.de/software/tetgen](http://www.wias-berlin.de/software/tetgen)