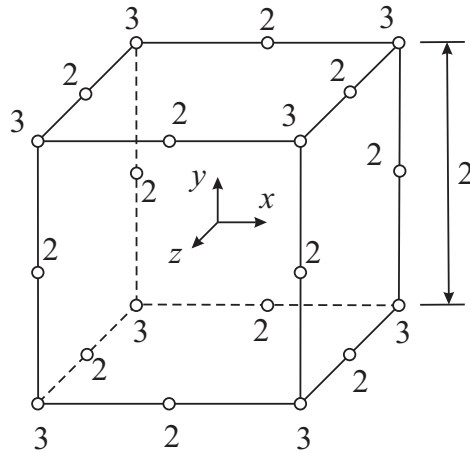


Example of Section 32.5 Visualization



Problem statement

Visualize function $f = x^2 + y^2 + z^2$ specified at nodes of a single quadratic hexahedral element.

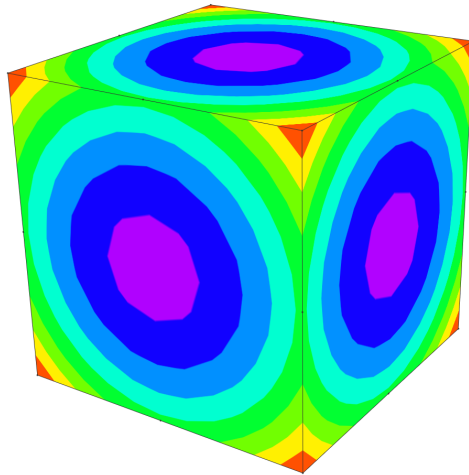
Input data

file `f.mesh` - finite element mesh;
file `f.res` - result file, nodal function values specified as u_x ;
file `f.vis` - visualization data file.

Problem solution

Execute command
`java -cp ../classes fea.Jvis f.vis`
or use file `v.bat`

Results



Function is visualized as eight color contours. Mouse interaction: left button - rotate, middle button - scale, right button - translate.