



Figure 4. Uniform LOD extraction: error threshold equal to 0.1% of the field range. The isosurface for a field value equal to 105.000 is shown



Figure 6. Variable LOD based on a region in space: mesh extracted with an error threshold equal to 0.1% of the field range in selected box, and arbitrary large outside. The isosurface for a field value equal to 105.000 is shown

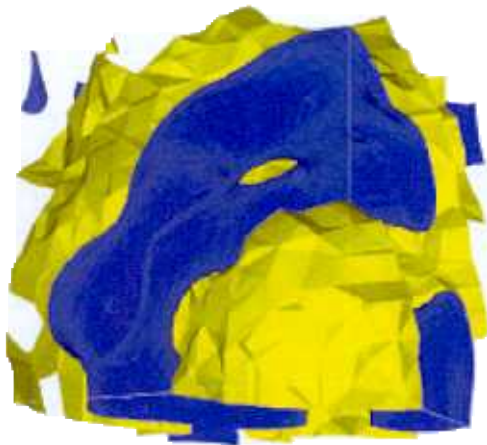


Figure 9. Variable LOD based on field value: a mesh extracted with an error threshold equal to 0.1% of the field range on the tetrahedra intersected by the isosurface with field value equal to 105.000 (shown in blue), and an error threshold arbitrary large outside. The second isosurface, with a field value equal to 10.000 (shown in yellow), illustrates the lower resolution of the mesh in the region formed by the tetrahedra that do not intersect the selected isosurface