

LG - Example 1

LaGriT Example: Intersect Two 3D Tet Meshes, Refine Volume of Intersection, Remove Intersecting Tets

- 01_remove_intersecting_elements
- 02_connected_mesh

input.lg

```
*--* ex_addmesh_add
*--* Header Begin
*--* LAGriT Example Input file
* Carl Gable
* gable -at- lanl -dot- gov
*
*
*--* Create a rough and fine mesh,
*--* Insert the fine mesh inside the course mesh,
*--* Refine the course mesh near the fine mesh,
*--* Delete elements of the course mesh that intersect the fine mesh
*--* Put the two MO into a single MO
*--* Copy the point distribution into a tet MO
*--* Connect the points to a Delaunay mesh
*--*
*--* -----
*--* Header End
*--* ex_addmesh_add
```