LG - Example 4

LaGriT Example: Intersect Two Surfaces, Extract Line Object Defined by Surface Intersections

- 01_two_quadralateral_surfaces_superimposed
- 02_lines_of_intersection
- 03_lines_of_intersection_node_numbers

input.lgi

```
*--* ex_intersect_surface_line
*--* Header Begin
*--* LAGriT Example Input file
* Carl Gable
* gable -at- lanl -dot- gov
*
*
*--* Create two xy quadrilateral mesh
*--* Use MATH function to set z coordinate of mesh to sin(x) and sin(y)
*--* Create a line type mesh object which is the geometric intersection
*--* of the two quad meshes.
*--*
*--*-----------------------------------------------------
*--* Header End
*--* ex_intersect_surface_line
*--*
*
```