## Subject: triangulate - connectivity problem

Posted by Med Bennett on Fri, 18 Oct 2002 00:10:32 GMT

Hi all,

I am having a problem with the connectivity array returned by the triangulate procedure.  The first part of the array, which contains the indices for each node, looks like this:

```
      59      65      69      75      83
88      94      101     105     112     118
      123     128     132     139     145
151     156     163     170     175     184
      191     195     200     205     209
215     221     228     233     237     244
      248     254     259     266     274
279     286     290     295     302     305
      305     312     319     326     331
337     343     348     353     359     363
      368     373     379     385
```

The problem is that the value 305 is repeated; given the stated instructions in the online help, this doesn't make sense.

"To obtain the adjacency list for node i, extract the list elements from LIST[i] to LIST[i+1]-1."  I've plotted up my triangles and nothing seems amiss - does anyone have a clue what is going on here?  Thanks!