Subject: triangulate - connectivity problem Posted by Med Bennett on Fri, 18 Oct 2002 00:10:32 GMT View Forum Message <> Reply to Message

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

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!