

1071-20-160

Anthony E Clement* (aclement@brooklyn.cuny.edu). *An algorithm that decides conjugacy in a certain generalized free product.*

We consider a certain cyclically pinched generalized free product and show through a constructive process, that it is residually free. We devise an explicit algorithm to solve the conjugacy problem for this cyclically pinched generalized free product. (Received March 03, 2011)