1046-57-56   **Sungmo Kang*** (`skang@math.utexas.edu`), Department of Mathematics, 1 University Station C1200, Austin, TX 78712. *Reducible and toroidal Dehn filling with distance 3.*

If a hyperbolic 3-manifold admits a reducible and a toroidal Dehn filling, the distance between the filling slopes is known to be bounded by three. The first example of such a manifold realizing the distance 3 was given by Boyer and Zhang by using the Whitehead link. Using "Tangles", Eudave-Muñoz and Wu gave infinite family of hyperbolic manifolds admitting the above two Dehn fillings. In this talk, I show that these are all hyperbolic manifolds which admit a reducible Dehn filling and a toroidal Dehn filling with distance 3. (Received July 16, 2008)