

1019-57-167

Jason DeBlois* (jdeblois@math.utexas.edu), Department of Mathematics, 1 University Station C1200, Austin, TX 78712. *Commensurability of Link Complements.*

I will present a family of 2-component hyperbolic link complements with a common trace field, but among which there are infinitely many commensurability classes. I will also describe other algebraic and geometric properties relating to integrality of traces and Dehn surgery. This is joint work with Eric Chesebro. (Received August 14, 2006)