1123-57-133 Christian R Millichap* (cmillich@linfield.edu), 1925 NE Hembree St., McMinnville, OR 97128, and William Worden (tue83379@temple.edu). Commensurability classes of hyperbolic knot and link complements.

In general, it is a difficult problem to determine if two manifolds are commensurable, i.e., share a common finite sheeted cover. Here, we are interested in examining the commensurability class of a hyperbolic 3-manifold M: the set of all manifolds commensurable with M. In this talk, we will examine some combinatorial and geometric approaches to analyzing commensurability classes of hyperbolic 3-manifolds. In particular, we will discuss current work done with Worden to show that the only commensurable hyperbolic 2-bridge link complements are the figure-eight knot complement and the 6_2^2 link complement. (Received August 22, 2016)