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**Richard P Kent** (rpkfour@gmail.com), **Christopher J Leininger\*** (clein@math.uiuc.edu)  
and **Saul Schleimer** (saulsch@math.rutgers.edu). *Trees and convex cocompactness.*

We describe some new aspects of the curve complex of a punctured surface and use these observations to prove a theorem about a certain class of purely pseudo-Anosov subgroups of the mapping class group. (Received August 30, 2006)