Meeting: 1001, Evanston, Illinois, SS 21A, Special Session on Low-Dimensional Topology and Kleinian Groups

1001-57-131 Jason DeBlois and Richard P Kent\* (rkent@math.utexas.edu), Department of Mathematics, University of Texas at Austin, 1 University Station C1200, Austin, TX 78712. Surface groups are frequently faithful.

If S is a closed hyperbolic surface, the set of faithful representations is dense in the PSL(2,K) representation variety of the fundamental group of S, where K is the field of real or complex numbers. (Received August 19, 2004)