

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

1001-53-291 **Juan Souto** and **Peter Storm***, Dept. of Mathematics, 450 Serra Mall, Bldg.380, Stanford, CA 94305. *The mapping class group action on quasi-Fuchsian space.* Preliminary report.

Let f be a continuous function on the boundary of quasi-Fuchsian space. If f is invariant under the action of the mapping class group, then f is constant. A proof of this fact will be sketched. (Received August 30, 2004)