

1138-57-155

Nicholas G Vlamis* (vlamis@umich.edu), 530 Church St, Department of Mathematics,
University of Michigan, Ann Arbor, MI 48109. *Dense conjugacy classes in mapping class
groups*. Preliminary report.

The mapping class group of a surface carries a natural topology which is inherited from the compact-open topology on the group of self-homeomorphisms. We will discuss recent results regarding the topology of mapping class groups and give an example of a surface (of infinite type) whose mapping class group has a dense conjugacy class. (Received February 08, 2018)