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**David J. Swinarski\*** (davids@math.uga.edu) and **Ian Morrison**. *The action of the symmetric group on the moduli space of stable pointed genus zero curves*. Preliminary report.

The symmetric group  $S_n$  acts on the moduli space of stable pointed genus zero curves  $\overline{M}_{0,n}$  and hence also on its cohomology ring. We describe this action and discuss applications. (Received January 16, 2011)