

**Meeting:** 1003, Atlanta, Georgia, SS 10A, AMS Special Session on Dynamics of Mapping Class Groups on Moduli Spaces, I

1003-51-1162      **Tara E. Brendle\*** ([brendle@math.cornell.edu](mailto:brendle@math.cornell.edu)), Department of Mathematics, 310 Malott Hall, Cornell University, Ithaca, NY 14853, and **Dan Margalit** ([margalit@math.utah.edu](mailto:margalit@math.utah.edu)), Department of Mathematics, University of Utah, Salt Lake City, UT 84112-0090.

*Commensurations of the Johnson kernel.*

We show that  $\text{Comm}(K) = \text{Aut}(K) = \text{Mod}(S)$ , where  $K$  is the subgroup of the mapping class group  $\text{Mod}(S)$  generated by twists about separating simple closed curves. In particular, this verifies a conjecture of Farb. (Received October 04, 2004)