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Andrew Putman* (andyp@math.mit.edu) and **Matthew Day** (mattday@caltech.edu). *A Birman exact sequence for $\text{Aut}(F_n)$.*

The Birman exact sequence relates the mapping class group of a surface with boundary to the mapping class group of a closed surface. We will discuss an analogue of this for certain subgroups of the automorphism group of a free group. (Received February 22, 2010)