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James R Conant* (jconant@math.utk.edu), Dept. of Mathematics, University of Tennessee, Knoxville, TN 37996. *Unstable Morita Classes in the Homology of the Mapping Class Group*. Preliminary report.

I will discuss a recent paper of Shigeyuki Morita, defining a series of cycles in the homology of the mapping class group, using Lie algebraic methods. I will show how to interpret these cycles in terms of ribbon graphs, and discuss any progress concerning nontriviality of these cycles that I make between the time this abstract is written and the time the talk is given. (Received August 31, 2006)