

1067-53-2114 **Arlo Caine***, 255 Hurley Hall, Notre Dame, IN 46556, and **Sam Evens**. *The Modular Class of Poisson Submersion*. Preliminary report.

Surjective Poisson submersions arise naturally in the theory of quotients in Poisson geometry. Using the Lie algebroid reformulation of the modular class of a Poisson structure, we study the behavior of the modular class under a Poisson submersion. (Received September 22, 2010)