1037-18-116   **J Scott Carter*** (`carter@jaguar1.usouthal.edu`), University of South Alabama, Department of Mathematics and Statistics, Mobile, AL 36688. *Sample computations in self-distributive algebras.*
This talk is based on joint work with Crans, Elhamdadi, and Saito. The focus will be to outline the computations of several cohomology groups. I will indicate the connection between quandle and Lie algebra cohomology via the cohomology of categorical self-distributivity. Other computations will be illustrated as time allows. (Received January 28, 2008)