

1096-16-1320

**Adam S. Sikora\*** ([asikora@buffalo.edu](mailto:asikora@buffalo.edu)), 244 Math Bldg, University at Buffalo, SUNY, Buffalo, NY 14260. *Unification of associative, self-distributive, and Lie algebras*. Preliminary report.

We define a new class of rings which unifies associative rings, self-distributive rings, and Lie algebras. We will discuss their fundamental properties and their cohomology theory unifying cohomology theories of these different types of algebras. (Received September 14, 2013)