

In the early nineties, Le Bruyn and Smith showed how noncommutative algebraic geometry, in the spirit of Artin, Tate, and Van den Bergh, can be applied to the Lie algebra,  $\mathfrak{sl}(2, \mathbb{C})$ . Le Bruyn and Van den Bergh then generalized these results to any  $n$ -dimensional Lie algebra. We discuss here how these methods can be extended to the Lie superalgebra  $\mathfrak{sl}(1|1)$ . This work was initiated at the WINART1 workshop held at BIRS in the Spring of 2016.