1056-08-213   **Kate S Owens*** (`kate.s.owens@gmail.com`). *Shift Automorphism Varieties Are Not Residually Finite.*

An algebra is a nonempty set equipped with some finitary operations. The equational theory of an algebra is the set of all equations true in that algebra. If we can deduce all of an algebra's true equations from a finite set of equations, we say that the algebra's equational theory is finitely axiomatizable. In this talk we examine a property shared by some finite algebras whose equational theories are not finitely axiomatizable. (Received August 15, 2009)