1092-06-137   **Erika D. Foreman*** (`erika.foreman@louisville.edu`). *Order Automorphisms of Function Lattices.*

The residuated maps on complete lattices (simply the join homomorphisms) form their own lattice, which we denote Res(L). In this talk, we explore the order automorphisms on the lattice Res(L) where L is a finite non-distributive lattice. It's known that left-and-right composition of f in Res(L) with automorphisms of L yields an order automorphism of Res(L). It begs the question, then, if all order automorphisms of Res(L) can be classified as such. We explore this question with some specific examples. (Received August 06, 2013)