1067-37-2282   **Brett M. Werner*** (`brett.werner@uni.edu`), 1227 W. 27th St, Cedar Falls, IA 50614. *Strong Orbit Equivalence and Residuality.*

In the category of minimal Cantor systems, there are several notions of equivalence. One such equivalence is strong orbit equivalence. In 1995, Giordano, Putnam, and Skau introduced this notion showing that two systems are strongly orbit equivalent if and only if their associated dimension groups are order isomorphic which is also equivalent to their associated C*-algebras being isomorphic. It is a common question to ask what systems are generic within this equivalence class. Some questions regarding this question will be answered. In particular, the set of systems with zero entropy in these strong equivalence classes are residual. (Received September 22, 2010)