1062-37-275   **Evan Kwiatkowski*** (`kwiatkowski.evan@gmail.com`), 4 Jerome Avenue, Binghamton, NY 13905, and **Mengyang Cha**, **Juan Carlos Ortega** and **Janeth Moran**. *Minimal Dynamical Systems on Cantor Spaces.* Preliminary report.

Cantor spaces have unique properties; the purpose of our study is to investigate minimal dynamical systems on Cantor spaces. We examine Kakutani equivalence and flow equivalence of the systems, and prove that they imply each other. In addition, we discuss topological conjugacy between two specific types of Cantor minimal systems, namely, Denjoy systems and Sturmian subshifts. (Received August 10, 2010)