Włodzimierz J. Charatonik, Department of Mathematics and Statistics, 400 W. 12th St., Rolla, MO 65409, and Şahika Şahan\*, Department of Mathematics and Statistics, 400 W. 12th St., Rolla, MO 65409. Zero-Dimensional Spaces Homeomorphic to Their Cartesian Squares.

We show that there exist uncountably many zero-dimensional compact metric spaces homeomorphic to their Cartesian squares as well as their n-fold symmetric products. (Received September 19, 2016)