

# Monotone Maps of the Pontryagin Sphere to Itself

Robert J. Daverman  
*University of Tennessee*

**Abstract.** The talk will report on both a theorem and an example. The theorem shows that (1) degree one monotone maps in this category are near-homeomorphisms and (2) the example reveals that the degree one hypothesis is necessary. This is based on joint work with Tom Thickstun.