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Ilie Ugarcovici* (idu@rice.edu), Department of Mathematics, Rice University, Houston, TX 77005, and **Howard Weiss**, Department of Mathematics, The Pennsylvania State University, University Park, PA 16802. *Existence of ergodic chaotic attractors for some multidimensional maps and applications*. Preliminary report.

We show existence and uniqueness of SRB measures for some multidimensional maps which have found applications in population modeling. The proof uses results recently obtained by Q. Wang and L.-S. Young. (Received March 06, 2006)