1053-60-15      **ARUNAVA MUKHERJEA\***, University of Texas - Pan American, Department of
Mathematics, Edinburg, TX 78539, and **RICARDO RESTREPO**. *Upper Packing Dimension of
a Measure and the Limit Distribution of Products of IID Stochastic Matrices.*

This paper gives sufficient conditions for the limit distribution of products of iid 2 by 2 stochastic matrices to be continuous singular, when the support of the distribution of the individual stochastic matrices is countably infinite. Our methods here use "infinite" analogs of known results available for attractors of finite iterated function systems. (Joint work with Ricardo Restrepo and will appear in the Proceedings of Indian Academy of Sciences) (Received May 23, 2009)