

1061-37-41

John Banks, Dung Nguyen and Piotr Oprocha* (oprocha@agh.edu.pl), Departamento de Matematicas, Universidad de Murcia, Campus de Espinardo, 30100 Murcia, Spain, and **Belinda Trotta**. *Dynamics of spacing shifts*.

Spacing shifts were introduced in 1973 by Lau and Zame to provide accessible examples of maps that are (topologically) weakly mixing but not mixing. Although they show a rich variety of dynamical characteristics, they have received little subsequent attention in the dynamical systems literature.

This talk will discuss the variety of topological dynamical behaviours they exhibit, and some conditions under which they are sofic. (Received March 17, 2010)