

Towers, tilings, and dynamical systems

Ayse Sahin

Wright State University

Department of Mathematics and Statistics

This talk will begin with a bird's eye view of measurable dynamical systems and a more detailed discussion of one of the fundamental tools in this area: Rohlin towers. The existence of towers is a classical result and its modern day incarnations are a means to connect measurable dynamics with a variety of other areas including geometric group theory and tilings. We will describe some recent tower results and some open problems.
