

1154-37-1649

Akshat Das, Joanna Furno* (jfurno@depaul.edu) and **Alan Haynes**. *Bounded Remainder Sets for Rotations on Products of Adelic Tori*. Preliminary report.

The cut-and-project construction uses dynamical systems to give a concrete and geometric way to create nonperiodic sets with an abundance of repetitive structure. Alan Haynes, Michael Kelly, and Henna Koivusalo used this construction to find bounded remainder sets for irrational rotations on the torus. In joint work with Akshat Das and Alan Haynes, we generalize this result to the case of rotations on products of adelic tori. (Received September 16, 2019)