

Midwest Dynamical Systems

Dynamical approach to sumsets in infinite abelian groups

Alexander Fish (University of Wisconsin)

Abstract: We will explain how Furstenberg's correspondence principle can be used to estimate from below the upper Banach density of $A+B$ for sets A and B in a countable infinite abelian group. New results will be discussed for the case B is a Bohr set (almost periodic set). This is joint work with M. Bjorklund (Hebrew University).

Friday, November 6 at 5:00 PM in SEO 636