

**The Weizmann Institute of Science
Faculty of Mathematics and Computer Science**

Geometric Functional Analysis and Probability Seminar

Room 155, Ziskind Building
on Thursday, Feb 29, 2024
at 13:30

Jonathan Breuer
HUJI

will speak on

Towards a Floquet Theory for Periodic Jacobi Matrices on Trees

Abstract:

Periodic Jacobi matrices on the line have a very rich spectral theory, one of whose ingredients is the Floquet theory of eigenfunctions. In this talk we will discuss ongoing work that attempts to generalize this theory to more general trees. We will describe some results obtained in joint works with Jess Banks, Jorge Garza Vargas, Eyal Seelig and Barry Simon.