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JOHANNES KEPLER
UNIVERSITÄT LINZ

Online talk series

It is a pleasure to announce a guest lecture with the title

The Tale of a Wrong Conjecture: Borg's Theorem for Periodic Jacobi Matrices on Trees

SPEAKER: **Barry Simon**
TIME: Thursday, 23.07.2020, 04:00 – 5:30 pm.

Abstract: I will begin by reviewing work on removal of eigenvalue degeneracy and its relevance to gap splitting. I'll next discuss Borg's theorem. I'll then describe a framework for discussing periodic Jacobi matrices on trees and possible versions of Borg's theorem and a recent note that there are counterexamples. Finally, I'll discuss possible modified conjectures. This includes joint work with Nir Avni and Jonathan Breuer.