

1135-47-1692

Svetlana Jitomirskaya and **Fan Yang*** (yangf@ias.edu), 211 Fuld Hall, School of Math, IAS, Princeton, NJ 08540. *Spectral transition line in phase for the almost Mathieu operator.*

In this presentation, we will talk about the spectral transition line in phase for the almost Mathieu operator in the positive Lyapunov exponent regime. We show both pure point spectrum and purely singular continuous spectrum occur for dense subsets of phases on this transition line. (Received September 24, 2017)