SCMS Seminar

SPECTRUM, JULIA SET, PERIOD DOUBLING SCHRODINGER OPERATOR

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Lecture

Time: 10:00-10:30, Monday, July 2, 2018

Venue: Room 2213, East Main Guanghua Tower, Handan Campus

Abstract: In this talk, we will discuss several problems in dynamical system from the aspects of multifractal analysis, trace polynomials, Lyapunov exponents, and spectrum theory. We will focus on the new phenomenon of unbounded trace orbit in period doubling schrondinger operator, large scale geometry of Julia set, and the level set of birkhoff spectrum.