

ON THE QUASI-SHADOWING LEMMA

Speaker: Professor Yunhua Zhou (周云华)
Chongqing University (重庆大学)

Time: Tuesday, December 7, 2021, 14:30-15:30

Tencent room: 959-961-861 Code: 200433

Abstract: Shadowing lemma is a fundamental theorem in dynamical systems' field. For differential dynamical systems, hyperbolicity implies shadowing and non-uniform hyperbolicity implies non-uniform shadowing. In this talk, we will talk about the quasi-shadowing lemmas for partially hyperbolic systems which include partially hyperbolic diffeomorphisms, flows and \mathbb{Z}^d -actions.