ON THE QUASI-SHADOWING LEMMA

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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.