

Title: Dynamical coherence for partially hyperbolic diffeomorphisms
isotopic to Anosov.

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Abstract: We prove that a partially hyperbolic diffeomorphism which is isotopic (through a isotopy by partially hyperbolic diffeomorphisms) to a linear Anosov diffeomorphism on the d -dimensional torus is dynamically coherent. As an application, when the central bundle is one dimensional we show that it has a unique measure of maximal entropy. This is a joint work with T. Fisher and R. Potrie.