L. Diaz

Title: Non-hyperbolic measures for non-hyperbolic homoclinic classes

Abstract:

We will discuss the following results:

- homoclinic classes of \$C^1\$-generic diffeomorphisms support a non-hyperbolic ergodic measure (with uncountable support).

- when the homoclinic class has a one-dimensional central direction, the support of the meaure is the whole class.