1077-37-764 Enrique Pujals* (enrique@impa.br), Dona Castorina 110, Rio de Janeiro, RJ 22460-320, Brazil.

Partial Hyperbolicity in the Hamiltonian and geometrical context.

We will discuss a series of result in partially hyperbolic dynamics with applications to hamiltonian and symplectic dynamics. In particular, we will consider the case of partially hyperbolic geodesic flows. (Received September 12, 2011)