

# Equilibrium states for partially hyperbolic diffeomorphisms with hyperbolic linear part

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**Abstract:** In this poster we address the problem of existence, uniqueness (or finiteness) of equilibrium states for a class of partially hyperbolic diffeomorphisms which are homotopic to Anosov (“Derived from Anosov”) with respect to Hölder potentials. We propose to study the disintegration of equilibrium states along central foliation as a tool to develop the theory of equilibrium states for partially hyperbolic dynamics.