SEMINÁRIO

<u>Dia 26 de Fevereiro (terça-feira)</u>, às **11H00**, na sala 6.2.33

Turbulent solutions of the nonlinear Schrodinger equation: a link between the scattering theory and the Arnold diffusion

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Abstract

We shall discuss a joint work with B. Pausader showing that for $s > 0, \quad s \neq 1$ there are global solutions of the 3d defocusing Nonlinear Schrodinger equation with unbounded H^s orbits, in spite of the presence of conservation laws at $s = 0$ and $s = 1$. This shows an interesting rigidity property of the energy bound.

Local: FCUL – Edf. C6 - Piso 2, 6.2.33

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