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Oberseminar Dynamische Systeme

Geometry of non-chaotic Hamiltonian diffeomorphisms on surfaces

Dienstag, 09. November 2021
16:15 Uhr – per Zoom

Michael Khanevsky
(Technion)

Abstract:

Traditionally, a lot of research activity is focused at Hamiltonian dynamics with positive entropy, while the non-chaotic part of the field has received less attention. At the same time, it is still far from being well understood, even in the simplest possible setting - when we consider dynamics in dimension two. We will discuss several results that distinguish geometry of autonomous and integrable Hamiltonian diffeomorphisms on surfaces.

Guests are very welcome!