



THE WEIZMANN INSTITUTE OF SCIENCE
FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

Seminar in Geometry and Topology

Room 1 ,Ziskind Building
on Thursday, Jan 22, 2015
at 14:00

Note unusual day, time and room

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Autonomous Hamiltonian flows, Hofer's geometry and persistence modules

Abstract:

We describe how persistence modules, a notion originating in data sciences, can be applied to obtain new results on Hofer's geometry, related in particular to autonomous Hamiltonian flows. Joint work with Leonid Polterovich.