



Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

Dienstag, 9. Januar 2024

17 Uhr, Geom H4

Junior Prof. Agustin Moreno
(Universität Heidelberg)

Symplectic methods in space mission design

Abstract:

In this talk, I will illustrate how methods from symplectic geometry can be leveraged in the early stages of space mission design, i.e. when one is trying to choose a periodic trajectory in which to place a spacecraft in orbit. I will discuss the same “symplectic toolkit” that I have presented to the engineers at NASA responsible for missions to Europa and Enceladus.

Based on joint work with Cengiz Aydin (Heidelberg), Urs Frauenfelder (Augsburg), Dayung Koh (JPL, NASA), Otto van Koert (Seoul).

**Vor dem Vortrag (ab 16.30 Uhr) stehen im Foyer vor Hörsaal H4
Kaffee und Tee bereit.**

