
BERN-FRIBOURG GRADUATE SEMINAR

a seminar for Master and PhD students

Thursday 24th October, 2024: 17:15 - 18:00

Room B5, Exakte Wissenschaften, Bern

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A gentle introduction to Hamiltonian mechanics

Abstract

The goal of the seminar is to provide a soft introduction to Hamiltonian mechanics for those with a basic understanding of differential geometry. We begin by exploring the motivations behind Hamiltonian mechanics. We then provide an overview of essential concepts. Afterwards, we present some key results and illustrate them with several examples.