

Seminář z diferenciální geometrie pokračuje 31.5.2021 od 10:00 online na platformě MS Teams a v zasedací místnosti ÚMS (druhé patro).

Připojení ke schůzce [ZDE](#).

Marcus Dafinger (University of Jena):

On formal calculus of variations, Cartan formula and Noether's theorem

Abstrakt:

We give an introductory talk on the formal calculus of variations. Concepts from differential geometry, like Lie-derivative, exterior derivative and Cartan formula will be related to first variation, Helmholtz map and a kind of related Cartan formula. With the help of these operations we then formulate Noether's theorem and present some results on the so-called Takens' problem.