ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO A GUEST LECTURE

The G-equivariant Spectral Flow and Bifurcation of Functionals with Symmetries

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Chaired by Christian Pötzsche | Department of Mathematics

Tuesday, 12 November 2024 | 11:30–12:30

S.2.69

ABSTRACT

The aim of the talk is to give an idea how the spectral flow can be used to find bifurcation points from a trivial branch for critical points of one-parameter families of functionals. In particular, we outline a new research line, where functionals with symmetries are considered and the classical spectral flow needs to be replaced by an equivariant version of it.

We hope to see you there!