ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

Invitation to a Guest Lecture

Prof. Dr. Nils Waterstraat

Martin-Luther-Universität Halle-Wittenberg

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

S.2.69 | Tuesday, 12 November 2024 | 11:30 a.m.

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.

Christian Pötzsche and the Department of Mathematics look forward to seeing you at the talk!