ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

Invitation to a Guest Lecture

Ass.-Prof. Dr. Robert Skiba

Nicolaus Copernicus University, Torun, Poland

"Topological and analytical applications of the topological degree"

N.2.01 | Tuesday, 9 May 2023 | 2:00 p.m.

Abstract

In my talk, I will present the basic properties of the Brouwer topological degree. Next, I will provide some topological consequences of it in nonlinear analysis. Finally, I will show how to study the existence of periodic/homoclinic solutions with the helpof the topological degree.

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