ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO A GUEST LECTURE

Topological and analytical applications of the topological degree

Robert Skiba | Nicolaus Copernicus University, Torun, Poland

Chaired by Christian Pötzsche | Department of Mathematics

Tuesday, 9 May 2023 | 14:00–15:00

N.2.01

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.

We hope to see you there!