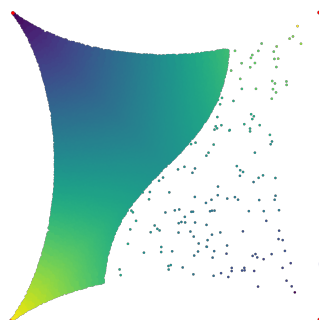




Einladung zum Oberseminar Mathematik des Maschinellen Lernens und Angewandte Analysis

Julius-Maximilians-Universität Würzburg
Professur für Mathematik des Maschinellen Lernens

Prof. Dr. Roberto Ognibene

Università degli Studi di Milano-Bicocca
Mathematical Analysis, Probability and Mathematical Statistics

Spectral stability in domains with small holes

We consider the problem of the stability of eigenvalues of the Laplacian on a fixed bounded domain, under a perturbation consisting in removing a small set from the interior. The result strongly depends on which kind of boundary conditions are prescribed on the hole. In the talk, I will focus on three relevant instances: Dirichlet, Neumann and Robin boundary conditions. Our contribution (joint work with V. Felli and L. Liverani) concerns the Neumann case.

Ort: Mathematik Ost, Seminarraum 40.01.003

Zeit: Mittwoch, 16.07.2025 14:15

Zu diesem Vortrag laden wir Sie herzlich ein.

gez. Leon Bungert