



Einladung zum Oberseminar Mathematik des Maschinellen Lernens und Angewandte Analysis

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Existence of Solutions and Asymptotic Behavior of Adversarial Training with General Loss Functions

In this talk, I will present results from my Master's thesis on adversarial training problems in classification. Focusing on total-variation-regularized formulations, we build on previous work to establish the existence of optimal classifiers for a broader class of loss functions. Using Γ -convergence, we then derive an asymptotic result describing the behavior of the adversarial training problem as the adversarial budget tends to zero.

Ort: Mathematik Ost, Seminarraum 40.01.003

Zeit: Mittwoch, 26.11.2025 14:15

Zu diesem Vortrag laden wir Sie herzlich ein.

gez. Leon Bungert