ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

Invitation to the Doctoral Seminar

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"Numerical dynamics of forward and pullback attractors of integrodifference equations"

https://classroom.aau.at/mathstat

Wednesday, 12 May 2021

10:00 a.m.

Abstract

The global attractor contains all possible long-term behaviors of a dynamical system. In this talk, we construct two possible generalizations of the global attractor to nonautonomous dynamical systems and study their behavior under perturbation. These results are illustrated by means of popular models in theoretical ecology, that is, integrodifference equations and their spatial discretization.

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