ALPEN-ADRIA UNIVERSITÄT KLAGENFURT

INVITATION TO THE DOCTORAL SEMINAR

Numerical dynamics of forward and pullback attractors of integrodifference equations

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Chaired by Christian Pötzsche | Department of Mathematics

Wednesday, 12 May 2021 | 10:00–10:45

https://classroom.aau.at/math-stat

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.

We hope to see you there!