



Seminar of the Work Group
Nonlinear Partial Differential Equations
WS 23/24

October 12th, 2023, 13:00 - 14:00
Seminar room: SR 3.061

Pushed and Pulled Invasion Fronts in Parabolic PDEs

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Abstract

Invasion fronts refer to fronts that propagate into unstable states. This talk will provide a review of some of the theoretical aspects of invasion fronts and discuss current research efforts. These fronts are often categorized as pushed or pulled and the talk will cover theoretical and numerical aspects of locating these fronts and identifying their speeds as well as their relevance to applications.