

Nina Uraltseva

Two-Phase Parabolic Obstacle Problem: Regularity Properties of the Free Boundary

ZEIT:

7.2.2012, 17:15 Uhr

ORT:

Freie Universität Berlin
Arnimallee 6 (Pi-Gebäude)
Raum 031

In this talk we describe the methods, developed in the last decade, for studying the regularity of the free boundary in the vicinity of branch points. These methods are based on the use of various monotonicity formulas, blow-up technique and some observations of geometric nature.

Kontakt:

Humboldt-Universität zu Berlin . Institut für Mathematik
SFB 647 . Unter den Linden 6 . 10099 Berlin
Tel. +49 30 2093 1804 . Fax. +49 30 2093 2727
sfb647@math.hu-berlin.de