



北京理工大学

数学与统计学院学术报告

Generic regularity of the free boundary in the Alt-Caffarelli-Phillips problem

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摘要： The Alt-Caffarelli problem and the Alt-Phillips problem are among the most well-studied elliptic free boundary problems. Much effort has been devoted to estimating the size of the singular set on the free boundary, for instance, in terms of its Hausdorff dimension. In this talk, we discuss how such estimates can be improved for generic boundary data. This talk is based on a recent joint work with Xavier Fernández-Real at EPFL.