

Oberseminar Topologie: 14.12.23

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Title: K_n -regularity propagation

Abstract: It has been known for a while that NK , the obstruction of K-theory being \mathbb{A}^1 homotopy invariant, and regularity are closely connected. One of the first results Quillen proved after defining higher algebraic K-theory of exact categories was that NK of regular rings vanishes. This has led many people to use NK and related objects to measure how bad singularities are, such as the notion of K_n regularity for all integers n . In this talk I will review some of these ideas and definitions and talk about work, joint with Elden Elmanto, which gives new proofs of results of Cortiñas-Haeseemeyer-Weibel-Walker, Davis, and Vorst and generalizes them to spectral schemes.