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Extending Maps in Asymptotic Categories

In the paper *Asymptotic Topology*, A. N. Dranishnikov introduced the notion of absolute extensors (AE) and absolute neighborhood extensors (ANE) in asymptotic categories. In this talk we present an alternative proof of the fact that real half-line is an AE in these categories, we give a counterexample to the asymptotic version of the Homotopy Extension Theorem and we state some positive results on extending maps in the case of nonpositively curved or delta-hyperbolic spaces.