

Specific Limit Properties of Specific Categories

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November 15, 2020

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1 Limits of Sets and Categories

§ General Definiton of Limits

§ Sets

§ Small Categories

2 Limits of Topological Spaces

3 Limits of Modules over Commutative Rings

4 Limits of Groups and Modules over Noncommutative Rings

5 Limits of Models

6 Limits of Measurable Spaces and L^p Spaces

§ Measurable Spaces

§ General L^p Spaces

7 Limits of Topological Vector Spaces

§ General Topological Vector Spaces

§ Normed Vector Spaces

§ C^* Algebras and Von Neumann Algebras