## Extension theorems via neighborhood operators

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31. 5. 2017

## Abstract

Extension results (Urysohn Lemma, Tietze Extension Theorem) in the following four categories are unified via the concept of a neighborhood operator:

- 1. The topological category,
- 2. The coarse category,
- 3. The uniform category,
- 4. The hybrid category.

Joint work with Thomas Weighill.