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SPACE-FILLINGS VS. LUZIN'S CONDITION N

In my talk, I presented results from [2].

When Kevin Wildrick and I investigated continuous mappings in certain function spaces from one space onto a higher dimensional one, there was always a set of measure zero mapped to a set of positive measure, [1]. In this talk, I looked into how general this phenomenon is.

References

- [1] K. Wildrick and T. Zürcher, *Space filling with metric measure spaces*, Math. Z., **270(1-2)** (2012), 103–131.
- [2] T. Zürcher, *Space-filling vs. Luzin's condition (N)*, Ann. Acad. Sci. Fenn. Math., **39(2)** (2014), 831–857.

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