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Measure separating systems

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The notion of expansive homeomorphism is important in topological dynamics,[2]. Different authors have extended some of these notions in more general contexts, in particular the notion of separating theory [1]. In this direction, we show some basic properties of some levels of separating homeomorphisms since the measurable point of view.

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References

- [1] A. Artigue, Separating homeomorphisms, *Advances in Dynamical Systems and Applications*, 12 (2017), 17–24.
- [2] M.R. Utz, Unstable homeomorphisms, *Proc. Amer. Math. Soc.*, 1 (1950), 769–774.

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