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ON SYMMETRICALLY POROUSCONTINUOUS FUNCTIONS

We introduce the notion of symmetrically porouscontinuous functions. We investigate some properties of symmetric porouscontinuity and its connections with the notion of porouscontinuity, studied by Borsík and Holos in [2]. We prove that there is 2^c porouscontinuous functions, which extends results of [1] concerning ρ -upper continuous functions.

This is jointly work with Stanisław Kowalczyk.

References

- [1] M. Bienias, S. Głąb, W. Wilczyński, *Cardinality of sets of ρ -upper and ρ -lower continuous functions*, Bull. Soc. Sci. Lettres d Ser. Rech. Deform. **64** (2014), 71-80.
- [2] J. Borsík, J. Holos, *Some properties of porouscontinuous functions*, Math. Slovaca **64** (2014), No. 3, 741-750.

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