

The Set of Exponents for Isomorphic Extensions of Hölder Maps is not Always Closed

SYLVAIN DELPECH

26 bis rue Xavier Privas, 69008 Lyon, France
sylvain.delpech@gmail.com

Presented by Jesús M. F. Castillo

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Abstract: We give examples of Banach spaces X and Y such that the sets of $\alpha \in (0, 1]$, which satisfy that every α -Hölder maps from a subset of X into Y can be isomorphically extended to all X , are not closed. This answers a question of Lancien and Randrianantoanina.

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