## **Multifractals and Projections**

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## ABSTRACT

In this paper, we generalize the result of Hunt and Kaloshin [5] about the  $L^q$ -spectral dimensions of a measure and that of its projections. The results we obtain, allow to study an untreated case in their work and to find a relationship between the multifractal spectrum of a measure and that of its projections.

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