

**Foran, James**

**Continuous functions need not have  $\sigma$ -porous graphs.** (English) Zbl 0607.26005  
Real Anal. Exch. 11(1985/86), 194-203 (1986).

The author gives an example of a continuous function  $f : [0, 1] \rightarrow R$  whose graph is a non- $\sigma$ -porous subset of the plane and has the Hausdorff dimension 2.

Reviewer: [J.S.Lipiński](#)

**MSC:**

- [26A15](#) Continuity and related questions (modulus of continuity, semicontinuity, discontinuities, etc.) for real functions in one variable
- [28A05](#) Classes of sets (Borel fields,  $\sigma$ -rings, etc.), measurable sets, Suslin sets, analytic sets
- [28A75](#) Length, area, volume, other geometric measure theory

Cited in **1** Review  
Cited in **4** Documents

**Keywords:**

$\sigma$ -porous graphs; continuous functions; non- $\sigma$ -porous subset