## $Ludek\ Zají\check{c}ek\ \ ({\tt Charles\ University},\ {\tt Czech\ Republic})$

**Title**: Properties and applications of  $\sigma$ -porous sets

**Abstract**: A review of some basic properties and applications in Banach spaces of various types of  $\sigma$ -porous sets (and related small subsets of Banach spaces) will be presented. Also several open questions and quite recent results will be discussed.

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