

## Abstract

# On bounds for separating hash families

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Separating hash families are useful combinatorial structures which generalize simultaneously several well-studied classes of combinatorial objects, such as perfect hash families,  $(k, u)$ -hashing families,  $t$ -frameproof codes,  $t$ -secure frameproof codes, identifiable parent property codes. In this talk we present an overview of the known bounds on the size of separating hash families. Especially we show new results on optimal bounds which have been obtained recently.