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Iwan Duursma^{*} (duursma@math.uiuc.edu), Department of Mathematics, University of Illinois at Urbana-Champaign, 1409 W. Green Street (MC-382), Urbana, IL 61801-2975, and Radoslav Kirov. Linear programming bounds for secret sharing thresholds. Preliminary report.

Linear secret sharing schemes can be constructed from linear codes. The acceptence and the rejection threshold of a scheme depend on the minimum weight of vectors in the code and its dual, respectively. We formulate general lower bounds for the acceptence threshold for a given rejection threshold. (Received February 10, 2008)