CONSTRUCCIONES MINIMALES ASOCIADAS A CÓDIGOS CONCATENADOS GENERALIZADOS

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Abstract. In order to obtain the set of codewords of minimal support of codes defined over $\mathbb{F}_q$ we must compute a Graver basis of the ideal associated to such codes, see [8]. The main aim of this article is to reduce the complexity of the previous algorithm for a well known class of codes, namely generalized concatenated codes. The ideas behind this paper are useful both in iterated secret sharing schemes as well as in the design of general error correcting algorithms for this family of codes.

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