

SKEW HULLE CODES

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ABSTRACT. In this article, we introduce new scalar products over finite rings via additive isomorphisms. This allows us to define new notions of right (respectively, left) skew hulle codes, that are not necessarily linear. Furthermore, we provide necessary and sufficient conditions for the existence of skew hulle codes.

Key words: Scalar products, right and left dual codes, skew hulle codes.

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