

## New Lower Bounds for the Number of ACG Codes over $\mathbb{F}_4$

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In this paper we consider additive circulant graph (ACG) codes over  $\mathbb{F}_4$  of length  $n \geq 34$  and we present some new results for the number of these codes. The most important result is that there exists a unique ACG code over  $\mathbb{F}_4$  of length 36 and minimum weight 11.

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