

## Upper Bounds on the Smallest Size of an Almost Complete Cap in $\text{PG}(N, q)$

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Conceptions of an almost complete subset of an elliptic quadric in the projective space  $\text{PG}(3, q)$  and an almost complete cap in the space  $\text{PG}(N, q)$  are proposed. Upper bounds of the smallest size of the introduced geometrical objects are obtained by probabilistic and algorithmic methods.

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