Adamko, Peter
On the number of points at distance at least 1 in the unit four-dimensional cube. (English)
Zbl 1427.51001
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Summary: We give an elementary proof of the following theorem: The maximum number of points which one can choose in the unit four-dimensional cube so that all mutual distances are at least one is 17.

MSC:
51M04 Elementary problems in Euclidean geometries
51M20 Polyhedra and polytopes; regular figures, division of spaces

Keywords:
packing of cubes; unit four-dimensional cube

Full Text: Link

References:

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