Sárközy, Gábor N.
Turán and Ramsey numbers in linear triple systems. II. (English) Zbl 07611224
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Summary: In this paper we continue our studies of Turán and Ramsey numbers in linear triple systems, defined as 3-uniform hypergraphs in which any two triples intersect in at most one vertex. In the first part of this paper [A. Gyárfás and G. N. Sárközy, Discrete Math. 344, No. 3, Article ID 112258, 12 p. (2021; Zbl 1456.05086)] the two main problems left open were the Turán number of the wicket and the Ramsey property of the sail. In this paper we present some progress towards both of these problems.

MSC:
05C35 Extremal problems in graph theory
05D10 Ramsey theory
05C65 Hypergraphs
05B07 Triple systems
05C30 Enumeration in graph theory

Keywords:
Turán and Ramsey numbers; linear triple systems

Full Text: DOI

References:

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