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The existence of 5-sparse Steiner triple systems of order $n \equiv 3 \pmod{6}$, $n \notin \{9, 15\}$. (English)

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Summary: This paper shows the existence of 5-sparse Steiner triple systems of order $n \equiv 3 \pmod{6}$ for $n \geq 21$ by constructing meager systems.

MSC:

05B07 Triple systems

Cited in 2 Documents

Keywords:

meager square; meager system spectrum; 5-sparse Steiner triple system

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