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**MR1208967 (93m:05030) 05B07****Gardner, Robert B. [Gardner, Robert Bentley]****Transrotational directed triple systems. (English summary)**

Proceedings of the Twenty-third Southeastern International Conference on Combinatorics, Graph Theory, and Computing (Boca Raton, FL, 1992).

*Congr. Numer.* **90** (1992), 97–102.

Summary: “A directed triple system of order  $v$ , denoted  $DTS(v)$ , is said to be  $k$ -transrotational if it admits an automorphism consisting of a fixed point, a transposition and  $k$  cycles of length  $(v - 3)/k$ . We give necessary and sufficient conditions for the existence of  $k$ -transrotational  $DTS(v)$ s for several values of  $k$ .”

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