

Abstract

**Cyclically Indecomposable Triple Systems that are
Decomposable**

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In this talk, we construct, by using Skolem-type and Rosa-type sequences, cyclically indecomposable two-fold triple systems $TS_2(v)$ for all admissible orders. We also investigate exhaustively the cyclically indecomposable triple systems $TS_\lambda(v)$ for $\lambda = 2, v \leq 33$ and $\lambda = 3, v \leq 21$ and we identify the decomposable ones. Further, we investigate exhaustively all cyclic $TS_2(v)$ that are constructed by Skolem-type and Rosa-type sequences up to $v \leq 45$ for indecomposability.

Joint work with Rolf Rees and Nabil Shalaby, Memorial University of Newfoundland, Canada