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On $(n, 5, 3)$-Turán systems. (English. English summary)

Ars Combin. **37** (1994), 13–31.

Summary: "The minimal number of triples required to represent all quintuples on an n-element set is determined for $n \leq 13$ and all extremal constructions are found. In particular we establish that there is a unique minimal system on 13 points, namely the 52 collinear triples of the projective plane of order 3."