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**Douglas F Rall.** *Graphs with exactly  $t$  different sizes of maximal independent sets of vertices.*

We say that a graph  $G$  is in the collection  $M_t$  if there are precisely  $t$  different sizes of maximal independent sets of vertices in  $G$ . Thus the  $M_1$  graphs are the well-covered ones (introduced by M. Plummer) where all the maximal independent sets are of one size. We examine graphs of higher girth belonging to  $M_t$  in the situation that the minimum degree is at least two. (Received January 05, 2012)