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Memphis, TN 38152. *An extension of Erdos-Stone theorem.*

Let $r \geq 2$ and $c > 0$. Every graph on n vertices with at least cn^r cliques on r vertices contains a complete r -partite subgraph with $r - 1$ parts of size $\lfloor c^r \log n \rfloor$ and one part of size greater than $n^{1-c^{r-1}}$. This result helps enhance some classical theorems in extremal graph theory. (Received July 27, 2007)