

**Zbl 467.05038**

**Chinn, P.Z.; Chung, F.R.K.; Erdős, Paul; Graham, Ronald L.**

*On the bandwidths of a graph and its complement.* (In English)

**The theory and applications of graphs; 4th int. Conf., Kalama-  
zoo/Mich. 1980, 243-253 (1981).**

[For the entire collection see Zbl 459.00006.]

In this paper it is shown that the bandwidth of a graph on  $m$  vertices and that of its complement sum to at least  $n - 2$  and at most  $2n - c \log n$ . Other proofs of the former, or of an equivalent result are also given by Milner and Sauer and by *J.Kahn* and the reviewer [Discrete Math. 33, 323-325 (1981; Zbl 451.05039)]

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Classification:

05C35 Extremal problems (graph theory)

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