

Zbl 563.05043

Erdős, Paul; Faudree, Ralph J.

*Size Ramsey numbers involving matchings.* (In English)

**Finite and infinite sets, 6th Hung. Combin. Colloq., Eger/Hung. 1981, Vol. I, Colloq. Math. Soc. János Bolyai 37, 247-264 (1984).**

[For the entire collection see Zbl 559.00001.]

If  $G, H$  are graphs,  $\hat{r}(G, H)$  denotes  $\min |E(F)|$  for  $F \rightarrow (G, H)$ . Several exact and asymptotic results (in terms of  $n$ ) are given for  $\hat{r}(tK_2, G)$  where  $tK_2$  is the disjoint union of  $t$  edges,  $G$  is a "classical" graph on  $n$  vertices, i.e. is  $K_n, C_n, P_n$  or is obtained by some simple operations.

*P. Komjáth*

Classification:

05C55 Generalized Ramsey theory

05C70 Factorization, etc.

05C35 Extremal problems (graph theory)

Keywords:

general Ramsey-theory; size Ramsey numbers; graphs