

New Diagonal Ramsey Numbers of Even Cycles with Pendant Edges

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Let G be a connected simple graph. The diagonal Ramsey number $R(G, G)$ is defined to be the minimum n , where every 2-coloring of the edges of K_n contains a red G or a blue G . In this talk, new diagonal Ramsey numbers are calculated for some classes of even cycles with pendant edges.

Key words: graph Ramsey theory, edge coloring