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EDITORS

**Dr. S. Balamuralitharan
Dr. Wutiphol Sintunavarat
Dr. K. Sujith
Dr. R. Santhi Devi**

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Equitable Total Coloring of Wheel Related Graphs

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Abstract

An equitable total coloring of a graph is a proper total coloring where the number of vertices and edges in any two color classes differ by at most one. The minimum number of colors needed for such a coloring, which is called the equitable total chromatic number $\chi_{et}(G)$. In this paper, we verified Fu's conjecture for closed helm, flower, blossom, double wheel, sun-flower graph.

Keywords: Equitable total coloring, closed helm, flower, blossom, double wheel, sun-flower graph.

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