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Super-edge-graceful labelings of some cubic graphs

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摘要

关键词   super-edge-graceful   cubic graph   permutation cubic graph   permutation Petersen graph   permutation ladder graph

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Super-edge-graceful labelings of some cubic graphs

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Abstract The notion of super-edge-graceful graphs was introduced by Mitchem and Simoson in 1994. However, few examples except trees are known. In this paper, we exhibit two classes of infinitely many cubic graphs which are super-edge-graceful. A conjecture is proposed.

Key words   super-edge-graceful   cubic graph   permutation cubic graph   permutation Petersen graph   permutation ladder graph

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