

22(6)

Super-edge-graceful labelings of some cubic graphs

W. C. Shiu

Department of Mathematics, Hong Kong Baptist University, 224 Waterloo Road, Kowloon Tong, Hong Kong, China

收稿日期 2004-3-26 修回日期 网络版发布日期 2006-9-25 接受日期 2006-1-10

摘要

关键词 [super-edge-graceful](#) [cubic graph](#) [permutation cubic graph](#) [permutation Petersen graph](#) [permutation ladder graph](#)

分类号 [05C78](#)

Super-edge-graceful labelings of some cubic graphs

Wai Chee Shiu

Department of Mathematics, Hong Kong Baptist University, 224 Waterloo Road, Kowloon Tong, Hong Kong, China

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](#)

DOI: 10.1007/s10114-005-0672-8

通讯作者 W. C. Shiu wcshiu@hkbu.edu.hk

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(0KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [参考文献](#)

服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中 包含“super-edge-graceful”的相关文章](#)
- ▶ [本文作者相关文章](#)
- [W C Shiu](#)