

# ON THE EDGE-BINDING NUMBER OF SOME PLANE GRAPHS

刘林忠张忠辅王建方

收稿日期 修回日期 网络版发布日期 接受日期

**摘要** Let  $G(V,E)$  be a simple graph, the edge-binding number  $b_1(G)$  of  $G$  is defined as where  $N(S)$  denotes the adjacent edges set of  $S$ . In this paper, we obtained the edge-binding number of outer plane graphs, Halin graph and tree.

**关键词** [Graph, binding number, edge-bi](#)

分类号

# ON THE EDGE-BINDING NUMBER OF SOME PLANE GRAPHS

LIU LINZHONG

Department of Management Engineering, Lanzhou Railway Institute, Lanzhou 730070, China ZHANG ZHONGFU

**Abstract** Let  $G(V,E)$  be a simple graph, the edge-binding number  $b_1(G)$  of  $G$  is defined as where  $N(S)$  denotes the adjacent edges set of  $S$ . In this paper, we obtained the edge-binding number of outer plane graphs, Halin graph and tree.

**Key words** [Graph](#) [binding number](#) [edge-binding number](#)

DOI:

通讯作者

## 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“Graph, binding number, edge-bi”的 相关文章](#)

▶ [本文作者相关文章](#)

· [刘林忠张忠辅王建方](#)