



你的位置: 首页 >> 中心人员 >> 详细内容

王应前

发布: 2011-10-27 09:09 | 作者: admin | 查看: 179次

王应前: 男, 1954年元月出生, 博士, 教授。公开发表学术论文30余篇, SCI检索20余篇。

学习与工作经历:

- 2005.12月至今 浙江师范大学 教授
- 1998.9至2001.7 上海交通大学 博士
- 1982.9至1985.7 安徽大学 硕士
- 1978.2至1982.1 安徽大学 学士

主要研究领域: 图的连通性, 染色, 分解等。

在研的科研项目有:

- (1) 《可平面图 3 染色和全染色》, 浙江省自然科学基金, 编号Y6090699;
资助金额: 5万元; 起止年月: 2010.1-2011.12; 主持人: 王应前

已完成的科研项目有:

- (1) 《可平面图 3 可选择性研究与应用》, 浙江省教育厅自然科学基金重点项目, 编号20070441;
资助金额: 5万元; 起止年月: 2008.1-2009.12; 主持人: 王应前

发表的主要学术论文:

In 2004

- [1] Y. Wang, Super restricted edge-connectivity of vertex-transitive graphs, Discrete Math., 289 (2004) 199-205.

In 2005

- [2] Y. Wang, Q. Li, Upper bound of the third edge-connectivity of graphs, Science in China Ser. A Mathematics, 48 (2005) 360-371.

In 2006

[3] Y. Wang, Optimization problems of the third edge-connectivity of graphs, Science in China Ser.A Mathematics, 49 (2006) 791-799.

In 2007

[4] Ying-qian WANG, Min-le SHANGGUAN & Qiao LI, On total chromatic number of planar graphs without 4-cycles, Science in China series A: Mathematics, 50 (2007) 81-86.

[5] Liang Shen, Yingqian Wang, A sufficient condition for a planar graph to be 3-choosable, Inform. Process. Lett., 104 (2007) 146-151.

In 2008

[6] Yongzhu Chen, Yingqian Wang, On the diameter of generalized Kneser graphs, Discrete Math., 308 (2008) 4276-4279.

[7] Yingqian Wang, Ming Chen, Liang Shen, Plane graphs without cycles of length 4, 6, 7 or 8 are 3-colorable, Discrete Math., 308 (2008) 4014-4017.

[8] Yingqian Wang, Huajing Lu, Ming Chen, A note on 3-choosability of planar graphs. Inform. Process. Lett., 105 (2008) 206-211.

[9] M.Montassier, A. Raspaud, W.Wang, Y. Wang, A relaxation of Havel' s 3-color problem, Information Processing Letters, 107 (2008) 107-109 .

In 2009

[10] SHEN Lan, WANG YingQian, Total colorings of planar graphs with maximum degree at least 8, Science in China series A: Mathematics, 52 (2009) 1733-1742.

[11] Huajing Lu, Yingqian Wang, Weifan Wang et al., On the 3-colorability of planar graphs without 4-, 7- and 9-cycles, Discrete Math., 309 (2009) 4596-4607.

[12] Dingzhu Du, Lan Shen, Yingqian Wang, Planar graphs with maximum degree 8 and without adjacent triangles are 9-totally-colorable, Discrete Applied Mathematice, 157 (2009) 2778-2784.

[13] Lan Shen, Yingqian Wang, Weifan Wang, Ko-Wei Lih, On the 9-total colorability of planar graphs with maximum degree 8 and without intersecting triangles, Applied Mathematics Letters, 22 (2009) 1369-1373.

[14] Lan Shen, Yingqian Wang, On the 7 Total Colorability of Planar Graphs with Maximum Degree 6 and without 4-cycles, Graphs and Combinatorics, 25 (2009) 401-407.

In 2010

[15] Yingqian Wang, Huajing Lu, Ming Chen, Planar graphs without cycles of length 4, 5, 8, or 9 are 3-choosable, Discrete Math., 310 (2010) 147-158.

[16] Jingwen Zhang, Yingqian Wang, Delta-total-colorability of plane graphs with maximum degree at least 6 and without adjacent short cycles, Inform. Process. Lett., 110 (2010) 830-834.

[17] Lan Shen, Yingqian Wang, Planar graphs with maximum degree 7 and without 5-cycles are 8-totally-colorable, Discrete Math., 310 (2010) 321-324.

[18] WANG YingQian, MAO XiangHua, Lu HuaJing & Wang WeiFan, On 3-colorability of planar graphs without adjacent short cycles, Science China Mathematics, 53 (2010) 1129-1132.

In 2011

[19] Yingqian Wang, Qian Wu, Liang Shen, Planar graphs without cycles of length 4, 7, 8 or 9 are 3-choosable, Discrete Applied Math. 159 (2011) 232-239.

[20] Yingqian Wang, Qijun Zhang, Decomposing a planar graph with girth at least 8 into a forest and a matching, Discrete Math., 2011, 844-849.

[21] Huiyu Sheng, Yingqian Wang, A structural theorem of planar graphs with some applications, Discrete appl. Math. 2011, doi:10.1016/j.dam.2011.03.005.

[22] WANG YingQian, ZHANG Qijun , On 3-choosability of triangle-free plane graphs, Sci China Math, 2011, 54, doi:10.1007/s11425-011-4191-z.

[23] 王应前, 孙强, 陶鑫, 沈岚, 最大度为7且不含带弦5-圈的平面图是8-全可染的, 中国科学: 数学, 2011年 第41卷 第1期: 95-104. (一级)

浙江师范大学离散数学研究中心 | 浙江师范大学 | 后台管理

地址: 浙江省金华市迎宾大道688号21幢 | 邮编: 321004 | 电话: 0579-82282629 | 传真: 0579-82282629 | 邮箱: jcsx@zjnu.cn

Copyright © 浙江师范大学离散数学研究中心 | Powered by 起点网络