副教授

李文军

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长沙理工大学计算机与通信工程学研究生导师基本信息表

1、个人基本信息：

姓　名：李文军	性　别：男	
出生年月：1982年08月	技术职称：副教授	
毕业院校：中南大学	学历（学位）：博士	
所在学科：计算机科学与技术	研究方向：计算机算法、人工智能、物联网	

2、教育背景：

1999.9-2003.7	湘潭大学	学士
2007.9-2010.7	中南大学	硕士
2010.9-2014.12	中南大学	博士
2011.10-2012.10	美国Texas A&M University	联培

3、目前研究领域：

计算机算法优化、人工智能、物联网

4、已完成或已在承担的主要课题：

已完成或主持国家自然科学基金面上项目1项，国家自然科学基金青年基金项目1项，湖南省自然科学基金青年基金项目1项，湖南省教育厅一般学）1项，湖南省学位与研究生教育改革研究项目1项，长沙理工大学教研教改项目1项。明细如下：

[1] 国家自然科学基金面上项目：基于深层局部搜索技术的核心化技术研究（61872048，项目经费63万元. 研究时限为2019.01-2022.12）。在研

[2] 国家自然科学基金青年基金项目：基于核心化技术的FPT算法研究（61502054，项目经费20万元. 研究时限为2016.01-2018.12）。已完成，

[3] 湖南省自然科学青年基金项目：大数据时代WSN中NP难解问题的核心化算法研究（2017JJ3333， 项目经费5万元，研究时限为2017.01-201
成，主持。

[4] 湖南省教育厅一般项目：参数计算中核心化技术研究 （17C0047， 项目经费1万元，研究时限为2017.09-2019.08）已完成，主持。

[5] 湖南省2019年学位与研究生教育改革研究项目《"新工科"背景下计算机专业硕士研究生课程体系建设研究》 （项目编号：2019JGYB178
持。

[6] 长沙理工大学教研教改项目《互联网时代背景下移动计算课程教学模式研究》 （项目编号：JG201866）。在研，主持。

5、已发表的学术论文：

[1] **Wenjun Li**, Huayi Xu, Huixi Li, Yongjie Yang, Pradip Kumar Sharma, Jin Wang, and Saurabh Singh. Complexity and Algorithms for Superposed Data Uploading Problem in N
(中科院一区)

[2] **Wenjun Li,** Haiyan Liu, Jianxin Wang, Lingyun Xiang, Yongjie Yang. An improved linear kernel for complementary maximal strip recovery: Simpler and smaller[J].Theoreti

[3] **Wenjun Li**, Zhenyu Chen, Xingyu Gao, Wei Liu, Jin Wang. Multi-Model Framework for Indoor Localization under Mobile Edge Computing Environment[J]. IEEE Interne

[4] **Wenjun Li**, Jianxin Wang, Jianer Chen, Yinxin Cao. Deeper Local Search for Parameterized and Approximation Algorithms for Maximum Internal Spanning Tree[J]. Informa

[5] **Wenjun Li**, Qilong Feng, Jianer Chen, Shuai Hu. Improved kernel results for some FPT problems based on simple observations[J]. Theoretical Computer Science, 2017, 6

[6] **Wenjun Li**, Binhai Zhu. A 2k-vertex kernel for Vertex Cover based on Crown Decomposition[J]. Theoretical Computer Science. 2018, 739: 80-85. (CCF推荐B类期刊)

[7] **Wenjun Li**, Jianxin Wang, Yongjie Yang, Improved Kernels and Algorithms for Claw and Diamond Free Edge Deletion Based on Refined Observations. 2017, https://arxiv.

[8] **Wenjun Li**, Yongjie Yang, Jianer Chen, Jianxin Wang, Further Kernelization of Proper Interval Vertex Deletion: New Observations and Refined Analysis, 2016, https://arxiv

[9] Jianxin Wang, **Wenjun Li**, Jianer Chen. A Parameterized Algorithm for the Hyperplane-Cover problem[J]. Theoretical Computer Science, 2010, 411: 4005-4009.

[10] Jianxin Wang, **Wenjun Li**, Jianer Chen. On the Parameterized Vertex Cover Problem for Graphs with Perfect Matching[J]. SCIENCE CHINA Information Sciences, 2014, 57

[11] **Wenjun Li**, Jianer Chen, Jianxin Wang. Deeper Local Search for better Approximation on Maximum Internal Spanning Trees[C]// European Symposium on Algorithms (ES

[12] **Wenjun Li**, Jianxin Wang, Jianer Chen, Yinxin Cao. A 2k-Vertex Kernel for Maximum Internal Spanning Tree[C]// Algorithms and Data Structures Symposium (WADS),

[13] **Wenjun Li**, Shuai Hu. Smaller kernels for several FPT problems based on simple observations[C]// International Frontiers of Algorithmics Workshop (FAW), 2015, 9130: 1

[14] **Wenjun Li**, Haiyan Liu, Jianxin Wang, Lingyun Xiang, Yongjie Yang. A 42k Kernel for the Complementary Maximal Strip Recovery Problem[C]// International Frontier

[15] **Wenjun Li**, Jianxin Wang, Chao Xu, and Yongjie Yang. An Improved Branching Algorithm for (n, 3)-MaxSAT Based on Refined Observations. COCOA 2017, 2017.

[16] **Wenjun Li**, Junjie Ye and Yixin Cao. Kernelization for P2-packing: A Gerrymandering Approach[C]// International Frontiers of Algorithmics Workshop (FAW), 2018. Acc

[17] ChaoXu, **WenjunLi,** YongjieYang, JianerChen and JianxinWang. Resolution and Domination: An Improved Exact MaxSAT Algorithm[C]//IJACI,2019. (CCF推荐A类会议)

[18] Yuping Ke, Yixin Cao, Xiating Ouyang, **Wenjun Li**, Jianxin Wang. Unit interval vertex deletion: Fewer vertices are relevant. Journal of Computer and System Sciences, 2018

[19] Mugang Lin, Qilong Feng, Jianer Chen. **Wenjun Li**. Partition on trees with supply and demand: Kernelization and algorithms[J]. Theoretical Computer Science, 2017, 657: 1

[20] Qilong Feng, Qian Zhou, **Wenjun Li**, Jianxin Wang. Kernelization in Parameterized Computation: A Survey[J]. Tsinghua Science and Technology, 2014, 19(4): 338-345

[21] Yongjie Yang, Yash Raj Shrestha, **Wenjun Li**, Jiong Guo. Kernelization of Two Path Searching Problems on Split Graphs[C]// International Frontiers of Algorithmics Worksh

[22] Shuai Hu, **Wenjun Li**. An Improved Kernel for the Complementary Maximal Strip Recovery Problem [C]// International Computing and Combinatorics Conference (COCO

[23] Mugang Lin, **Wenjun Li**, Qilong Feng. Parameterized Minimum Cost Partition of a Tree with Supply and Demand [C]// International Frontiers of Algorithmics Workshop (F

[24] Yongjie Yang, Yash Raj Shrestha, **Wenjun Li**, Jiong Guo. On the Kernelization of Split Graph Problems. Theoretical Computer Science. 2017, https://doi.org/10.1016/j.tcs.2

[25] Huixi Li, **Wenjun Li**, Qilong Feng, Shigeng Zhang, Haodong Wang, Jianxin Wang. Leveraging content similarity among VMI files to allocate virtual machines in cloud[J]. F

[26] Huixi Li, **Wenjun Li**, Haodong Wang, Jianxin Wang. An Optimization of Virtual Machine Selection and Placement by Using Memory Content Similarity for Server Consolic

[27] Huixi Li, **Wenjun Li**, Zhang Shigen, et al. Page-sharing-based virtual machine packing with multi-resource constraints to reduce network traffic in migration for clouds[J]. F

7、 所获学术荣誉及学术影响：

1、 中国计算机学会理论计算机专委委员

2、 IEEE会员

3、 中国计算机学会会员