

# 个人简历

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教育背景		
博士		
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专业及就读年份	运筹学与控制论 (09/2010 – 07/2015)	
本科		
大学名称	北京大学	
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工作经历		
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Research Fellow	新加坡国立大学	02/2017 –
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论文与报告		

#### + 期刊论文:

1. **Zhang W**, Pei W, Guo T. An efficient method of robustness analysis for power grid under cascading failure[J]. Safety Science, 2014, 64: 121-126.
2. **Zhang W**, Liu L, Kang L, et al. Some properties of the spectral radius for general hypergraphs[J]. Linear Algebra and its Applications, 2017, 513: 103-119.
3. **Zhang W**, Kang L, Shan E, et al. The spectra of uniform hypertrees[J]. Linear Algebra and its Applications, 2017, 533: 84-94.
4. Li, Q., Bai, Y., Yan, X., & **Zhang, W.** (2018). Portfolio selection with the effect of systematic risk diversification: formulation and accelerated gradient algorithm. Optimization Methods and Software, 1-22.
5. Zhan, Y., Bai, Y., **Zhang, W.**, & Ying, S. (2018). A P-ADMM for sparse quadratic kernel-free least squares semi-supervised support vector machine. Neurocomputing, 306, 37-50.
6. Kang L, **Zhang W**, Shan E. The spectral radius and domination number in linear uniform hypergraphs[J]. Journal of Combinatorial Optimization, 2019: 1-12.
7. Li Q, **Zhang W**. An improved linear convergence of FISTA for the LASSO problem with application to CT image reconstruction[J]. Journal of Combinatorial Optimization, 2019: 1-17.
8. Tao Jie, **Zhang Wei**, Lu Chao, Goh Mark. A coordinate gradient descent algorithm to compute the minimum volume enclosing ellipsoid[J]. Science China, Mathematics, Just Accepted.

#### +会议论文:

1. Jiang Z, **Zhang W**, Gao S, et al. An improving strategy for LTE downlink scheduling algorithms based on QoS requirement[C]//2015 IEEE International Workshop Technical Committee on Communications Quality and Reliability (CQR). IEEE, 2015: 1-6.
2. Chen J, **Zhang W**, Gao S, et al. An efficient layered scheduling algorithm for real time services in LTE[C]//Wireless Personal Multimedia Communications (WPMC), 2016 19th International Symposium on. IEEE, 2016: 79-84.
3. Kang L, Zhang W, Shan E. The Spectral Radius and Domination Number of Uniform Hypergraphs[C]//International Conference on Combinatorial Optimization and Applications. Springer, Cham, 2017: 306-316.

#### +在投论文:

1. **Wei Z**, Roos K. Using Nemirovski's Mirror-Prox method as Basic Procedure in Chubanov's method for solving homogeneous feasibility problems[J]. 2018.
2. Qian Li, **Wei Z**, Yanqin Bai and Guoqiang Wang. A new Piecewise Quadratic Approximation of  $L_0$  regularization: theory and accelerated algorithm

#### + 会议报告:

1. An exact algorithm for Electricity AGV routing with pickup and delivery time windows[C]. INFORMS Annual Conference 2019