

# YINFENG ZHU

## PERSONAL INFORMATION

*Birthdate* Sep 25, 1990  
*Birthplace* China  
*Nationality* Chinese  
*Gender* Male  
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*Hobby* Bridge · Marathon · Soccer

## EDUCATION

2009 - 2013 *Bachelor* · Materials Science and Engineering, Shanghai Jiao Tong University  
2014 - 2016 *Master Program* · Mathematics, Shanghai Jiao Tong University  
2016 - now *Ph.D Program* · Mathematics, Shanghai Jiao Tong University

## PUBLICATIONS

2017 Yaokun Wu, Zeying Xu, Yinfeng Zhu, *Strongly connected multivariate digraphs*, The Electronic Journal of Combinatorics, 24(1) (2017) #P1.47, 44 pp.  
2016 Yaokun Wu, Zeying Xu, Yinfeng Zhu, *An expansion property of Boolean linear maps*, The Electronic Journal of Linear Algebra, 31 (2016) 381 - 407.  
2016 Yaokun Wu, Zeying Xu, Yinfeng Zhu, *Average range of Lipschitz functions on trees*, Moscow Journal of Combinatorics and Number Theory, 6(1) (2016) 96 - 116.  
2015 Yaokun Wu, Yinfeng Zhu, *Lifespan in a strongly primitive Boolean linear dynamical system*, The Electronic Journal of Combinatorics, 22(4) (2015) #P4.36, 21 pp.  
2014 Jing Wang, Le Liang, Meng-yan Wu, Shi-hao Chen, Yinfeng Zhu, Guan-xiong Qu, Bo-han Zheng, Lan-ting Zhang, *Research progress on grain boundary fine microstructure magnetic properties of sintered NdFeB magnet*, The Chinese Journal of Nonferrous Metals, 2014, 24(6): 1562-1577.

## PAPERS SUBMITTED

Eiichi Bannai, Da Zhao, Lin Zhu, Yan Zhu and Yinfeng Zhu, *Half of an antipodal spherical design*.

## PAPERS IN PREPARATION

Ziqing Xiang, Yaokun Wu, and Yinfeng Zhu, *Hamiltonian thickness*.  
Yanzhen Xiong, Yaokun Wu, and Yinfeng Zhu, *Shrinking graph of DFA*.  
Chengyang Qian, Yaokun Wu, and Yinfeng Zhu, *Some nonexistence results for cyclic decompositions*.  
Yaokun Wu, Ziqing Xiang, Zeying Xu, Yinfeng Zhu, *Inferring phylogenies from incomplete metric information*.

## TALKS

- Oct 31, 2016      *Combinatorics of Discrete Dynamical Systems* · International Workshop on Algebraic Combinatorics · Anhui Univ.
- Dec 08, 2015      *Hamiltonian thickness and fault-tolerant spanning rooted path systems of graphs* · Combinatorics Seminar · Shanghai Jiao Tong Univ.
- Apr 25, 2015      *A Glimpse at Boolean Linear Dynamical Systems* · Workshop on Combinatorics and Applications · Shanghai Jiao Tong Univ.
- Apr 4, 2014      *Fault-tolerant spanning path systems and forward degrees of graphs* · Combinatorics Seminar · Shanghai Jiao Tong Univ.

## CONFERENCE

- Feb, 2017      Workshop on Aspects of Graph Theory · Fudan Univ.
- Oct, 2016      International Workshop on Algebraic Combinatorics · Anhui Univ.
- Aug, 2015      International Congress on Industrial and Applied Mathematics · Beijing
- Apr, 2015      Workshop on Combinatorics and Applications · Shanghai Jiao Tong Univ.
- Nov, 2013      International Workshop on Algebraic Combinatorics · Hebei Normal Univ.

## AWARDS

- 2016      Qiu Shi Graduate Student Scholarship
- 2016      Freshman Scholarship

June 22, 2017