

YINFENG ZHU

PERSONAL INFORMATION

<i>Birthdate</i>	Sep 25, 1990
<i>Birthplace</i>	China
<i>Nationality</i>	Chinese
<i>Gender</i>	Male
<i>Address</i>	800 Dongchuan Rd, Shanghai, 200240 China
<i>E-mail</i>	fengzi@sjtu.edu.cn
<i>Hobby</i>	Bridge · Triathlon · Soccer

EDUCATION

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

PUBLICATIONS

- 2020 Yaokun Wu, Yinfeng Zhu, *Weighted rooted trees: Fat or tall?*, In: Fernau, H. (ed.) Computer Science – Theory and Applications. pp. 406 - 418. Springer International Publishing, Cham (2020)
- 2020 Yanzhen Xiong, Soesoe Zaw, Yinfeng Zhu, *Competition numbers and phylogeny numbers of connected graphs*, Algebra Colloquium, 27 : 1 (2020) 79 - 86.
- 2018 Yaokun Wu, Zeying Xu, Yinfeng Zhu, *A five-element transformation monoid on labelled trees*, European Journal of Combinatorics 80 (2019) 401 - 415.
- 2018 Eiichi Bannai, Da Zhao, Lin Zhu, Yan Zhu, Yinfeng Zhu, *Half of an antipodal spherical design*, Archiv der Mathematik, 10(5):459-466, May 2018.
- 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

- 2018 Yaokun Wu and Yinfeng Zhu, *Homogeneity of transformation semigroups*.

PAPERS IN PREPARATION

Yaokun Wu and Yinfeng Zhu, *Digraph homomorphisms with the path lifting property*.

Yaokun Wu and Yinfeng Zhu, *Subadditive function and rooted tree*.

TALKS

- Jun 30, 2020 *Weighted rooted trees: Fat or tall?* · Computer Science in Russia 2020 · online.
- Oct 30, 2019 *Graph gluing algebra and graph density inequalities* · Math Pop-up Salon III · Shanghai Jiao Tong Univ.
- Aug 26, 2019 *Path-liftable digraph homomorphisms and non-liftable indices* · Minisymposium on discrete dynamical systems · Shanghai Jiao Tong Univ.
- July 2, 2019 *Unimodality and transformation semigroups* · The 2019 Workshop on Combinatorics and Quantum Information Theory · Shanghai Univ.
- May 31, 2019 *Path-liftable digraph homomorphisms and non-liftable indices* · The Canadian Discrete and Algorithmic Mathematics Conference · Simon Fraser Univ.
- May 24, 2019 *Up and down in a tree* · Combinatorics Seminar · Shanghai Jiao Tong Univ.
- Apr 11, 2019 *Homogeneity of transformation semigroups* · Workshop on Dynamics and Information · Shanghai Jiao Tong Univ.
- Aug 18, 2018 *Phase spaces and kernel spaces of transformation semigroups* · The International Conference and PhD-Master Summer School on “Graphs and Groups, Representations and Relations” · Novosibirsk State Univ.
- Jul 17, 2018 *Multivariate digraphs and higher order Markov chains* · International Workshop on Matrices and Operators · Shanghai Univ.
- 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

- Jun, 2020 Computer Science in Russia 2020 · Online
- Aug, 2019 The International Conference and PhD-Master Summer School on “Groups and Graphs, Designs and Dynamics” · China Three Gorges Univ.
- May, 2019 The Canadian Discrete and Algorithmic Mathematics Conference · Simon Fraser Univ.
- Apr, 2019 Workshop on Dynamics and Information · Shanghai Jiao Tong Univ.
- Aug, 2018 The International Conference and PhD-Master Summer School on “Graphs and Groups, Representations and Relations” · Novosibirsk State Univ.
- Jul, 2018 International Workshop on Matrices and Operators · Shanghai Univ.

- 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

- 2019 China National Scholarship
- 2017 Huawei Graduate Student Scholarship
- 2016 Qiu Shi Graduate Student Scholarship
- 2016 Freshman Scholarship

July 12, 2020