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*2023*年*12*月毕业（数学博士）

个人简介

谭兵，男，1995年5月生，四川广安人，中共党员。现为电子科技大学在读博士研究生（专业：应用数学），预计2023年12月毕业。攻博期间在本领域权威刊物Journal of Scientific Computing、 Journal of Global Optimization、 Numerical Algorithms、 Applied Numerical Mathematics等期刊发表SCI科研论文40余篇，其中第一作者论文26篇，5篇第一作者论文入选（科睿唯安）ESI数学领域1%高被引论文，10篇论文发表于中科院二区期刊。现担任美国数学会MathSciNet和德国数学文摘zbMATH的评论员，以及10余个SCI期刊的审稿人。博士期间获得博士国家奖学金、电子科技大学学术新秀、基础院优秀共产党员等荣誉。
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研究方向

变分不等式和不动点问题的迭代算法及应用
分裂问题和包含问题的迭代算法及应用
Hadamard流行上的算法研究

教育经历

2020.09–2023.12 **博士（硕博连读）**, 电子科技大学, 专业：应用数学, 导师：肖义彬教授.
毕设题目：变分不等式和包含问题的加速算法研究

2022.03–2023.02 **博士联合培养**, *University of British Columbia* （不列颠哥伦比亚大学，全球排名前*50*），导师：Prof. Shawn Wang.
受国家留学基金委资助前往UBC数学系联合培养一年，学习非线性分析与优化领域的前沿知识

2018.09–2020.09 **硕士（推免）**, 电子科技大学, 专业：应用数学, 导师：秦小龙教授、李颂孝教授.

2014.09–2018.07 **本科**, 西南石油大学, 专业：数学与应用数学.

出版物

本人在数学期刊已发表SCI文章40余篇，其中第一作者26篇（二区10余篇）。国内外部分合作者：秦小龙教授、李颂孝教授、Jen-Chih Yao教授（中国台湾）、Sun Young Cho教授（韩国）、Adrian Petruşel教授（罗马尼亚）、Aviv Gibali教授（以色列）。
注：以下的中科院分区均指论文发表当年中国科学院文献情报中心期刊分区表升级版的大类分区，“*”指论文通讯作者。

1. **Bing Tan**, Xiaolong Qin*, Jen-Chih Yao. Strong convergence of self-adaptive inertial algorithms for solving split variational inclusion problems with applications. *Journal of Scientific Computing*. 2021, 87(1), Article ID 20. (中科院二区，中国数学会应用数学T2期刊)

2. **Bing Tan**, Xiaolong Qin*, Jen-Chih Yao. Strong convergence of inertial projection and contraction methods for pseudomonotone variational inequalities with applications to optimal control problems. *Journal of Global Optimization*. 2022, 82(3), 523–557. (中科院三区，中国数学会应用数学T2期刊)

3. **Bing Tan**, Xiaolong Qin*, Jen-Chih Yao. Two modified inertial projection algorithms for bilevel pseudomonotone variational inequalities with applications to optimal control problems. *Numerical Algorithms*. 2021, 88(4),

1757–1786. (中科院二区，中国数学会应用数学T2期刊)

4. **Bing Tan**, Xiaolong Qin*, Sun Young Cho. Revisiting subgradient extragradient methods for solving variational inequalities. *Numerical Algorithms*. 2022, 90(4), 1593–1615. (中科院三区，中国数学会应用数学T2期刊)

5. **Bing Tan**, Songxiao Li*, Xiaolong Qin. Self-adaptive inertial single projection methods for variational inequalities involving non-Lipschitz and Lipschitz operators with their applications to optimal control problems. *Applied Numerical Mathematics*. 2021, 170, 219–241. (中科院三区，中国数学会应用数学T2期刊)

6. **Bing Tan**, Sun Young Cho*. Two adaptive modified subgradient extragradient methods for bilevel pseudomonotone variational inequalities with applications. *Communications in Nonlinear Science and Numerical Simulation*. 2022, 107, Article ID 106160. (中科院二区，中国数学会应用数学T3期刊)

7. **Bing Tan**, Songxiao Li*, Xiaolong Qin. An accelerated extragradient algorithm for bilevel pseudomonotone variational inequality problems with application to optimal control problems. *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas*. 2021, 115(4), Article ID 174. (中科院二区)

8. **Bing Tan**, Sun Young Cho*. Two projection-based methods for bilevel pseudomonotone variational inequalities involving non-Lipschitz operators. *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas*. 2022, 116(2), Article ID 64. (中科院二区)

9. **Bing Tan**, Sun Young Cho*, Jen-Chih Yao. Accelerated inertial subgradient extragradient algorithms with non-monotonic step sizes for equilibrium problems and fixed point problems. *Journal of Nonlinear and Variational Analysis*. 2022, 6(1), 89–122. (中科院二区)

10. **Bing Tan**, Adrian Petruşel, Xiaolong Qin*, Jen-Chih Yao. Global and linear convergence of alternated inertial single projection algorithms for pseudo-monotone variational inequalities. *Fixed Point Theory*. 2022, 23(1), 391–426. (中科院四区，中国数学会应用数学T3期刊)

11. **Bing Tan**, Xiaolong Qin*. Modified inertial projection and contraction algorithms for solving variational inequality problems with non-Lipschitz continuous operators. *Analysis and Mathematical Physics*. 2022, 12(1), Article ID 26. (中科院四区，中国数学会应用数学T3期刊)

12. **Bing Tan**, Zheng Zhou, Xiaolong Qin*. Accelerated projection-based forward-backward splitting algorithms for monotone inclusion problems. *Journal of Applied Analysis and Computation*. 2020, 10(5), 2184–2197. (中科院四区，中国数学会应用数学T3期刊)

13. **Bing Tan**, Liya Liu, Xiaolong Qin*. Self adaptive inertial extragradient algorithms for solving bilevel pseudomonotone variational inequality problems. *Japan Journal of Industrial and Applied Mathematics*. 2021, 38(2), 519–543. (中科院四区，日本工业与应用数学学会会刊)

14. **Bing Tan**, Jingjing Fan, Songxiao Li*. Self-adaptive inertial extragradient algorithms for solving variational inequality problems. *Computational and Applied Mathematics*. 2021, 40(1), Article ID 19. (中科院四区)

15. **Bing Tan**, Songxiao Li*, Xiaolong Qin. On modified subgradient extragradient methods for pseudomonotone variational inequality problems with applications. *Computational and Applied Mathematics*. 2021, 40(7), Article ID 253. (中科院四区)

16. **Bing Tan**, Sun Young Cho*. Inertial extragradient algorithms with non-monotone stepsizes for pseudomonotone variational inequalities and applications. *Computational and Applied Mathematics*. 2022, 41(3), Article ID 121. (中科院四区)

17. **Bing Tan**, Zheng Zhou, Songxiao Li*. Viscosity-type inertial extragradient algorithms for solving variational inequality problems and fixed point problems. *Journal of Applied Mathematics and Computing*. 2022, 68(2), 1387–1411. (中科院三区)

18. **Bing Tan**, Xiaolong Qin*. Self adaptive viscosity-type inertial extragradient algorithms for solving variational inequalities with applications. *Mathematical Modelling and Analysis*. 2022, 27(1), 41–58. (中科院四区)

19. **Bing Tan**, Songxiao Li, Sun Young Cho*. Inertial projection and contraction methods for pseudomonotone variational inequalities with non-Lipschitz operators and applications. *Applicable Analysis*. 2021, doi:10.1080/00036811.2021.1979219. (中科院四区)

20. **Bing Tan**, Sun Young Cho*. Strong convergence of inertial forward–backward methods for solving monotone inclusions. *Applicable Analysis*. 2022, 101(15), 5386–5414. (中科院四区)

21. **Bing Tan**, Sun Young Cho*. Self-adaptive inertial shrinking projection algorithms for solving pseudomonotone variational inequalities. *Journal of Nonlinear and Convex Analysis*. 2021, 22(3), 613–627. (中科院四区)

22. **Bing Tan**, Shanshan Xu, Songxiao Li*. Inertial hybrid and shrinking projection algorithms for solving variational inequality problems. *Journal of Nonlinear and Convex Analysis*. 2020, 21(10), 2193–2206. (中科院四区)

23. **Bing Tan**, Shanshan Xu, Songxiao Li*. Inertial shrinking projection algorithms for solving hierarchical variational inequality problems. *Journal of Nonlinear and Convex Analysis*. 2020, 21(4), 871–884. (中科院四区)

24. **Bing Tan***, Songxiao Li. Strong convergence of inertial Mann algorithms for solving hierarchical fixed point problems. *Journal of Nonlinear and Variational Analysis*. 2020, 4(3), 337–355. (SCI，2020年无分区)

25. **Bing Tan**, Pongsakorn Sunthrayuth*, Prasit Cholamjiak, Yeol Je Cho. Modified inertial extragradient methods for finding minimum-norm solution of the variational inequality problem with applications to optimal control problem. International Journal of Computer Mathematics. 2023, 100(3), 525–545. （中科院四区）

26. **Bing Tan**, Songxiao Li*. Adaptive inertial subgradient extragradient methods for finding minimum-norm solutions of pseudomonotone variational inequalities. Journal of Industrial and Management Optimization. 2023, doi:10.3934/jimo.2023012. （中科院四区）

参加会议

2022.06 2022 West Coast Optimization Meeting (WCOM)， UBC Okanagan，加拿大
2021.07 第八届现代分析数学及其应用国际学术会议，甘肃兰州
2020.10 中国运筹学会第十一次全国会员代表大会暨第十五次学术交流会，安徽合肥
2019.06 电子科技大学基础与前沿研究院五周年院士高峰论坛，四川成都
2019.04 中国运筹学会第十二届全国数学优化会议，江苏南京

荣誉奖励

2022.11 2022年博士研究生国家奖学金、一等学业奖学金
2021.11 2021年博士研究生国家奖学金、一等学业奖学金
2021.05 电子科技大学2021年博士研究生学术新秀 (5%)
2019.09 电子科技大学优秀研究生干部、电子科技大学基础院优秀共产党员
2018.06 西南石油大学优秀毕业生

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