

ZHONGLIN XIE, PH.D. CANDIDATE




 Peking University

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EDUCATION



- 09/2021 – Now  **Ph.D. Computational Mathematics**
Beijing International Center for Mathematical Research, Peking University.
Member of **The Elite Ph.D. Program in Applied Mathematics**.
Advisor: Prof. Zaiwen Wen.
- 09/2017 – 07/2021  **B.Sc. Computational Mathematics**
School of Mathematical Sciences, Peking University.
Member of **The Elite Program of Applied Mathematics and Statistics for Undergraduates**.
- 09/2018 – 07/2021  **B.Econ. Economics**
National School of Development, Peking University.

PUBLICATIONS


Preprint

-  **Xie, Z.**, Yin, W., & Wen, Z. (2024). ODE-based learning to optimize. arXiv: 2406.02006 [math.OC]. Retrieved from  <https://arxiv.org/abs/2406.02006>






Journal Articles

-  Wang, J., Zhang, F., **Xie, Z.**, Wen, Z., & Zhang, G. (2021). Joint bandwidth allocation and path selection in wans with path cardinality constraints. *Journal of Communications and Information Networks*, 6(3), 237–250.  doi:10.23919/JCIN.2021.9549120

Conference Proceedings

-  Zhang, Y., Chen, Y., **Xie, Z.**, Xu, H., Wen, Z., Lin, Y., & Yu, B. (2023, July). Lrsdp: Low-rank sdp for triple patterning lithography layout decomposition. In *ACM/IEEE design automation conference (DAC)*, San Francisco, CA.

TEACHING

- 2024, Summer  TA, Modern Optimization (PKU Summer School on Applied Mathematics, Lectured by Professor Yurii Nesterov).
- 2023, Fall  TA, Convex Optimization.
- 2022, Fall  TA, Convex Optimization.
- 2022, Summer  TA, Deep Learning Optimization Theory (PKU Summer School on Applied Mathematics).
- 2022, Spring  TA, Learning by Research.

TEACHING (continued)

2021, Fall ◇ TA, Advanced Mathematics A (I).

INTERNSHIP

08/2020-10/2020 ◇ Theory Lab, Huawei Technologies Co. Ltd., Beijing, China.

SELECTED AWARDS

2024 ◇ Presidential Scholarship, Peking University.

2023 ◇ Presidential Scholarship, Peking University.

 ◇ Third-Class Scholarship, Peking University.

2022 ◇ Ubiquant Scholarship, Peking University.