Zepeng Chen

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EDUCATION

The Hong Kong Polytechnic University — *Hong Kong*
Ph.D. in Operations Management — 2022-Present
M.Phil in Operations Management — 2020-2022
Advisors: Guang XIAO, Yulan WANG and Xiaomeng GUO

University of Connecticut — *Connecticut, USA*
Visiting Ph.D. in Operations and Information Management — 2024
Advisors: Fasheng XU

Sun Yat-sen University — *Guangzhou, China*
M.S. in Management Science and Engineering — 2018-2020
Advisors: Ke FU

South China University of Technology — *Guangzhou, China*
B.B.A. in Industrial Engineering — 2014-2018
B.E. in Computer Science & Technology — 2015-2018

JOURNAL PUBLICATIONS

1. Geng X., Chen Z., Guo X., Xiao G. (2022) Duopoly Price Competition with Quality Improvement Spillover. **Naval Resaerch Logistics** 69(7): 958-973.

WORKING PAPERS

1. Chen, Z., Guo, X., Xiao, G., Xu, F. (2023) Innovation Against Imitation: How to Compete with Crowdfunding Copycats?. **SSRN** 4365788. Under major revision at **Manufacturing & Service Operations Management**.

WORKING IN PROGRESS

1. Chen, Z., Guo, X., Wang, Y., Xiao, G., Quality Management and Pricing Strategies Against Copycats.

OTHER PUBLICATIONS

1. Fišar, M., Greiner, B., Huber, C., Katok, E., Ozkes, A., and the Management Science Reproducibility Collaboration (2024). Reproducibility in Management Science. **Management Science**, 70(3), 1343-1356. (Note: Member of the Management Science Reproducibility Collaboration.)

CONFERENCES PRESENTATIONS

Innovation Against Imitation: How to Compete with Crowdfunding Copycats?
POMS-HK, Virtual (Session Chair) — 2022
POMS Annual Conference, Orlando, USA — 2023
MSOM SIG in iFORM, Montreal, Canada — 2023

Duopoly Price Competition with Quality Improvement Spillover
POMS-China, Virtual — 2022

TEACHING INTERESTS & EXPERIENCE

Teaching Interests
  Marketing Models, Digital Marketing, supply chain management, data analytics, machine learning, supply chain finance and fintech

Teaching Assistant - The Hong Kong Polytechnic University
  LGT2106 - Principles of Operations Management (Undergraduate)
  LGT5426 - Managing Innovation (Master)

Teaching Assistant - Sun Yat-sen University
  Data, Model and Decision-making (MBA)
  Operations Management (MBA)

RESEARCH TRAINING

Optimization, Stochastic Process, Inventory Management, Game Theory, Social Network Analysis, Microeconomic Theory, Econometric Theory, Machine Learning Theory.

TECHNICAL SKILLS

  Programming Languages: Python, R, SQL, MATLAB, Linux Shell, LaTeX
  Data analysis & Statistical inference: Data Crawling, Data Manipulation, Data Visualization
  Mathematical Modeling: Mathematica, Matlab

REFERENCES

Guang Xiao
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  Department of Logistics and Maritime Studies
  Faculty of Business
  The Hong Kong Polytechnic University
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  School of Business
  University of Connecticut
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