

# ZEPENG CHEN

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## EDUCATION

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- The Hong Kong Polytechnic University** *TBC*  
Ph.D. in Operations Management  
M.Phil in Operations Management  
Advisors: Guang XIAO, Yulan WANG and Xiaomeng GUO
- Sun Yat-sen University** *2020*  
M.S. in Management Science and Engineering  
Advisors: Ke FU
- South China University of Technology** *2018*  
B.B.A. in Industrial Engineering  
B.E. in Computer Science & Technology

## JOURNAL PUBLICATIONS

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

## PRESENTATIONS

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- POMS-China: Session – Economic Models in Recent POM Issues** *2022*  
Duopoly Price Competition with Quality Improvement Spillover
- POMS-HK: Session – Interface Between OM and Finance** *2022*  
Crowdfunding or Bank Financing: Innovation with the Threat of Downstream Imitation and Market Uncertainty

## RESEARCH TRAINING

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

## TECHNICAL SKILLS

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- Programming Languages:** Python, R, SQL, MATLAB, Linux Shell, L<sup>A</sup>T<sub>E</sub>X
- Data analysis & Statistical inference:** Data Crawling, Data Manipulation, Data Visualization
- Mathematical Modeling:** Mathematica, Matlab