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教研領域

決策與建模、交通優化、供應鏈金融、物流與供應鏈管理

學歷

2005 - 2008 香港理工大學 / 管理科學 / 博士學位
2002 - 2005 南京大學 / 運籌學 / 碩士學位
1998 - 2002 浙江師範大學 / 應用數學 / 學士學位

教學經驗

現 職 澳門科技大學 / 商學院 / 副教授
2009.9 – 2014.6 澳門科技大學 / 行政與管理學院 / 助理教授
2009.2 – 2009.8 上海交通大學 / 中美物流研究院 / 助理研究員
2008.9 – 2009.1 香港理工大學 / 商學院 / 研究助理

學術成果

期刊文章：

1. H.J. Tang, A. Elalouf, E. Levner, & T.C.E. Cheng, Efficient computation of evacuation routes on a three-dimensional, forthcoming in Computers & IE (SCI).
2. H.J. Tang, C. Pang & C.T. Ng, Optimization of vehicle population and reduction of CO₂ emission, International Journal of Shipping and Transport Logistics(SSCI), 2014, 6(4): 412-421.
3. E. Amir, L. Eugene, H.J. Tang, An improved FPTAS for maximizing the weighted number of just-in-time jobs in a two-machine flow shop problem, Journal of Scheduling (SCI), 2013, 16, 429–435.
4. H.J. Tang, T. Ding, S.Y. Du, X.Z. Meng & M.L. Xu, Study on Macau flight catering based on ARIMA and newsvendor models, Journal of Macau University of Science and Technology, 2013, 7(1), 16-22.
5. H.J. Tang, Z.C. Sun & X.L. Xu, The influence of perceived reward for creation, exploitative learning and creative performs to job performance, Advances in Information Science and Service Science (EI), 2013, 5(3): 340-346.
6. H.J. Tang, A note on the nestedness property for ordered median problems in tree networks, Journal of Systems Science and Complexity (SCI), 2013, 26: 335-340
7. A. Elalouf, E. Levner, H. Tang, Multi-agent scheduling model for maximizing

- agent satisfaction. - Multi-disciplinary Trends in Artificial Intelligence, Lecture Notes in Computer Science, 2012, 7694: 90-100.
8. H.J. Tang, T.C.E, Cheng & C.T. Ng, A note on the sub-tree ordered median problem in networks based on nestedness property, *Journal of Industrial Management and Optimization (SCI)*, 2012, 8(1): 41-49.
 9. H.J. Tang, S.Y. Liu, L.Z. Chen & S.K. Fu, Study on the inventory management of oil products in Macau, *Journal of Macau University of Science and Technology*, 2012, 6(1), 8-15.
 10. H.J. Tang, T.C.E, Cheng & C.T. Ng, Multi-facility ordered median problems in directed networks, *Journal of Systems Science and Complexity(SCI)*, 2011, 24: 1-7.
 11. Y.D. Shi & H.J. Tang, Study on the optimal operation of free shuttle buses in Macau, *Journal of Macau University and Technology*, 2010, 4: 37-46.
 12. H.J. Tang, T.C.E, Cheng & C.T. Ng, Multi-facility convex ordered median problems in networks, *Computers & IE (SCI)*, 2009, 57: 707-712.
 13. H.J. Tang & Y.J. Chen, Upper signed domination number, *Discrete Mathematics (SCI)*, 2008, 308: 3416-3419.
 14. H.J. Tang & Y.J. Chen, Acyclic domination number and minimum degree in 2-diameter-critical graphs, *Ars Combinatoria (SCI)*, 2008, 86: 51-56.

學術專著:

專著章節:

H.J. Tang, *Mathematical Modeling with Multidisciplinary Applications (Ch10, Decision Modeling in Supply Chain Management)*, John Wiley & Sons, Inc., 2013.

會議論文:

1. H.J. Tang & B. Huang, Analysis of an EOQ model in non-instantaneous deteriorating items, *Proceedings of 2013 International Conference on Computers and Industrial Engineering*, CIE, v1, p 278-290, Hong Kong, 2013.
2. H.J. Tang & B. Huang, Study of EOQ model in deteriorating items with price reduction sale and permissible shortage, forthcoming in *the Proceedings- 2013 International Conference on Engineering, Management Science and Innovation*.
3. H.J. Tang & Eugene Levner, Exact and approximation algorithms of scheduling in evacuation and recovery service, forthcoming in *the Proceedings- 2013 International Conference on Engineering, Management Science and Innovation*.
4. H.J. Tang, X.L. Xu, B. Huang, Evaluation on Bus Rapid Transit in Macau Based on Congestion and Emission Reduction, forthcoming in *the proceedings of 2012*

International Conference on Low-carbon Transportation and Logistics, and Green Buildings, Beijing, China, 2012.

5. X.L. Xu, H.J. Tang, C. Pang, Optimizing the population of free shuttle buses in Macau”, *Proceedings-4th International Joint Conference on Computational Sciences and Optimization*, pp: 1300-1303, Kunming, China, 2011.

研究項目

2012 - 2013 基於調度模型的澳門應急疏散優化

2010 - 2011 基於減排考量的澳門免費巴士優化運營研究

學術機構及社會任職

澳門經濟學會、澳門科學技術協進會

專業資格認證及獎項

CSO Conference (2011) Best Paper Finalist