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教研领域

决策与建模、交通优化、供应链金融、物流与供应链管理

学历

2005 - 2008	香港理工大学 / 管理科学 / 博士学位
2002 - 2005	南京大学 / 运筹学 / 硕士学位
1998 - 2002	浙江师范大学 / 应用数学 / 学士学位

教学经验

现 职	澳门科技大学 / 商学院 / 副教授
2009.9 – 2014.6	澳门科技大学 / 行政与管理学院 / 助理教授
2009.2 – 2009.8	上海交通大学 / 中美物流研究院 / 助理研究员
2008.9 – 2009.1	香港理工大学 / 商学院 / 研究助理

学术成果

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 CO_2 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.

学术专著：

专著章节：

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

会议论文：

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.

研究项目
2012 - 2013   基于调度模型的澳门应急疏散优化
2010 - 2011   基于减排考虑的澳门免费巴士优化运营研究

学术机构及社会任职
澳门经济学会、澳门科学技术协进会
专业资格认证及奖项
CSO Conference (2011)Best Paper Finalist