

Publication Statistics 2009

Staff : **LEE DER-HORNG**
 Department : **CIVIL ENGINEERING**

ARTICLE IN JOURNAL

INTERNATIONAL REFEREED		
PUBLISHED	40	
ACCEPTED FOR PUBLICATION	6	
SUBMITTED FOR PUBLICATION	13	
LOCAL/REGIONAL REFEREED		
PUBLISHED	11	
ACCEPTED FOR PUBLICATION	2	
SUBMITTED FOR PUBLICATION	2	
		74

CONFERENCE PAPER

LOCAL/REGIONAL		
ORAL PRESENTATION		
PUBLISHED	10	
PRESENTED BUT NOT PUBLISHED	3	
INTERNATIONAL		
ORAL PRESENTATION		
PUBLISHED	59	
PRESENTED BUT NOT PUBLISHED	17	
ACCEPTED FOR PUBLICATION	4	
ACCEPTED FOR PRESENTATION	4	
POSTER PRESENTATION		
PUBLISHED	4	
		101

PAPER FOR SEMINAR, PUBLIC TALK, LECTURE

LOCAL/REGIONAL		
PUBLISHED	1	
INTERNATIONAL		
PUBLISHED	1	
PRESENTED BUT NOT PUBLISHED	11	
		13

EDITORIAL WORK ON BOOK

PUBLISHED	4	4
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EDITORIAL WORK ON JOURNAL

INTERNATIONAL REFEREED

PUBLISHED

8

8

CHAPTER IN BOOK

PUBLISHED

5

5

THESIS

UNPUBLISHED BUT FINALIZED

2

2

PUBLISHED REPORT

PUBLISHED

7

7

Total no. of publications

214

List of Publications 2009

Staff : **LEE DER-HORNG**
 Department : **CIVIL ENGINEERING**

ARTICLE IN JOURNAL

INTERNATIONAL REFEREED

PUBLISHED

1. Dong, M and D H Lee*, "Dynamic Network Design for Reverse Logistics Operations under Uncertainty". *TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW*, 45 (2009): 61-71. (United Kingdom).
 Publication no. 0358910

2. Cao*, Z, D H Lee* and Q Meng, "Deployment strategies of double rail mounted gantry crane systems for loading outbound container terminals". *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, 115, no. 1 (2008): 221-228. (Netherlands).
 Publication no. 0214590

3. Lee*, D H and M Dong, "A heuristic approach to logistics network design for end-of-lease computer products recovery". *TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW*, 44, no. 3 (2008): 455-474. (United Kingdom).
 Publication no. 0214591

4. Lee*, D H, L Y Song and H Q Wang, "An optimization approach to security operations towards sustainable seaport". *International Journal of Sustainable Transportation*, 2, no. 2 (2008): 115-133. (United States).
 Publication no. 0309770

5. Nunes*, U, H Rakha*, Y Wang* and D H Lee*, "Special Issue on ITSC 2006". *IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS*, 9, no. 1 (2008): 1-4. (United States).
 Publication no. 0371612

- @ 6. Meng*, Q, D H Lee and L. Wu, "Maximal Reserve Trip Generation for Transit Networks". *Journal of the Easter Asia Society for Transportaiton Studies*, 7 (2008): 570-585. (Japan).
 Publication no. 0341895

7. Lee*, D H, W Bian and M Dong, "Multi-objective model and solution method for integrated forward and reverse logistics network design for third-party logistics providers". *TRANSPORTATION RESEARCH RECORD*, 2032 (2008): 43-52. (United States).
 Publication no. 0313917

8. Lee*, D H, H Q Wang and L X Miao, "Quay crane scheduling with handling priority in port container terminals". *ENGINEERING OPTIMIZATION*, 40, no. 2 (2008): 179-189. (United Kingdom).
Publication no. 0313913
9. Lee*, D H, W Bian and M Dong, "Multiproduct distribution network design of third party logistics providers with reverse logistics Operations". *TRANSPORTATION RESEARCH RECORD*, 2008 (Freight Systems) (2008): 26-33. (United States).
Publication no. 0313916
10. Lee*, D H, M Dong, W Bian and Y J Tseng, "Design of product recovery network design under uncertainty". *TRANSPORTATION RESEARCH RECORD*, 2008 (Freight Systems) (2008): 19-25, 7. (United States).
Publication no. 0313914
11. Lee*, D H, H Q Wang and L X Miao, "Quay crane scheduling with non-interference constraints in port container terminals". *TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW*, 44 (2008): 124-135. (United Kingdom).
Publication no. 0309768
12. Lee*, D H, Z Cao* and Q Meng*, "Scheduling of two-transtainer systems for loading outbound containers in port container terminals". *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, 107 (2007), no. 1 (May) (2007): 115-124. (Netherlands).
Publication no. 0207806
13. Ng*, S.T., R L Cheu* and D H Lee*, "Simulation evaluation of the benefits of real-time traffic information to trucks during incidents". *ITS Journal*, 10, no. 2 (Apr-Jun 2006): 89-99. (United States).
Publication no. 0309779
14. Lee*, D H, W Zheng and Q X Shi, "Short-term freeway traffic flow prediction using combined neural network model". *JOURNAL OF TRANSPORTATION ENGINEERING-ASCE*, 132, no. 2 (2006): 114-121. (United States).
Publication no. 0166168
15. Lee*, D H, L Wu and Q Meng, "Equity based land-use and transportation problem". *JOURNAL OF ADVANCED TRANSPORTATION*, 40, no. 1 (Winter 2006): 75-93. (United States).
Publication no. 0187575
16. Meng*, Q, D H Lee and R L Cheu, "The multiobjective vehicle routing and scheduling problem with time window constraints in hazardous material transportation.". *JOURNAL OF TRANSPORTATION ENGINEERING-ASCE*, 131, no. 9 (2005): 699-707. (United States).
Publication no. 0180821

17. Meng*, Q, D H Lee and R L Cheu, "COUNTING THE DIFFERENT EFFICIENT PATHS FOR TRANSPORTATION NETWORKS AND ITS APPLICATIONS". *JOURNAL OF ADVANCED TRANSPORTATION*, 39, no. 2 (2005): 193-220. (United States).
Publication no. 0180819
18. Nie*, Y, M H Zhang* and D H Lee*, "Models and algorithms for the traffic assignment problem with link capacity constraints". *TRANSPORTATION RESEARCH PART B-METHODOLOGICAL*, 38, no. 4 (2004): 285-312. (United Kingdom).
Publication no. 0155247
19. Meng*, Q, D H Lee*, H Yang and H-J Huang, "Transportation network optimization problems with stochastic user equilibrium constraints". *TRANSPORTATION RESEARCH RECORD*, 1882 (2004): 113-119. (United States).
Publication no. 0180812
20. Meng*, Q, D H Lee*, R L Cheu and H Yang, "The logit-based stochastic user equilibrium problem for entry-exit toll schemes". *JOURNAL OF TRANSPORTATION ENGINEERING-ASCE*, 130, no. 6 (2004): 787-795. (United States).
Publication no. 0180810
21. Yang*, H, Q Meng and D H Lee, "Trial-and-Error Implementation of Marginal-Cost Pricing on Networks in the Absence of Demand Functions". *TRANSPORTATION RESEARCH PART B-METHODOLOGICAL*, 38, no. 6 (2004): 477-493. (United Kingdom).
Publication no. 0180805
22. Wang, H, D H Lee* and R L Cheu, "Dynamic routing of commercial vehicles using real-time traffic information". *TRANSPORTATION RESEARCH RECORD*, 1882 (2004): 201-209. (United States).
Publication no. 0154631
23. Lee*, D H, H Wang, R L Cheu and S H Teo, "A taxi dispatch system based on current demands and real-time traffic information". *TRANSPORTATION RESEARCH RECORD*, 1882 (2004): 193-200. (United States).
Publication no. 0154629
24. Ma, W, R L Cheu* and D H Lee, "Scheduling of lane closures using genetic algorithms with traffic assignments and distributed simulations". *JOURNAL OF TRANSPORTATION ENGINEERING-ASCE*, 130, no. 3 (2004): 322-329. (United States).
Publication no. 0154616
25. Lee*, D H and P Chandrasekar, "A framework for parallel traffic simulation using multiple instancing of a simulation program". *ITS Journal*, 7, part. Numbers 3-4 (July-December 2002 2003): 279-294. (United States).
Publication no. 0146532

26. Lee*, D H, Y Nie and A Chen, "A Conjugate Gradient Projection Algorithm For The Traffic Assignment Problem". *MATHEMATICAL AND COMPUTER MODELLING*, 37 (2003): 863-878. (United Kingdom).
Publication no. 0131105
27. Ran*, B, D H Lee* and M S Shin, "Dynamic Traffic Assignment with Rolling Horizon Implementation". *JOURNAL OF TRANSPORTATION ENGINEERING-ASCE*, 128, no. 4 (July/August 2002): 314-322. (United States).
Publication no. 0121061
28. Ran*, B, D H Lee* and M S Shin, "A New Algorithm for a Multi-Class Dynamic Traffic Assignment Model". *JOURNAL OF TRANSPORTATION ENGINEERING-ASCE*, 128, no. 4 (July/August 2002): 323-335. (United States).
Publication no. 0121060
29. Chen*, A, D H Lee* and R Jayakrishnan, "Computational study of state-of-the-art path-based traffic assignment algorithms". *MATHEMATICS AND COMPUTERS IN SIMULATION*, 59, no. 6 (2002): 509-518. (Netherlands).
Publication no. 0136303
30. Lee*, D H, Y Nie, A Chen and Y C Leow, "Link and path based traffic assignment algorithms: a computational and statistical analysis". *TRANSPORTATION RESEARCH RECORD*, no. 1783 (2002): 80-88. (United States).
Publication no. 0136315
31. Nie, Y and D H Lee*, "An uncoupled method for the equilibrium-based linear path flow estimator for origin-destination trip matrices". *TRANSPORTATION RESEARCH RECORD*, no. 1783 (2002): 72-79. (United States).
Publication no. 0136312
32. Cheu*, R L, H Qi and D H Lee, "A mobile sensor and sample based algorithm for freeway incident detection". *TRANSPORTATION RESEARCH RECORD*, 1811 (2002): 12-20. (United States).
Publication no. 0136290
33. Cheu*, R L, C Xie and D H Lee, "Probe vehicle population and sample size for arterial speed estimation". *COMPUTER-AIDED CIVIL AND INFRASTRUCTURE ENGINEERING*, 17, no. 1 (2002): 53-60. (United States).
Publication no. 0133367
34. Lee*, D H, D E Boyce and B N Janson, "Analysis of lane-blocking events with an analytical dynamic traffic assignment model". *ITS Journal*, 6, no. 4 (October/December 2001): 351-374. (United States).
Publication no. 0136302

35. Boyce*, D E, D H Lee* and B Ran, "Analytical Models for the Dynamic Traffic Assignment Problem". *Networks and Spatial Economics*, 1, no. 3 (September 2001): 377-390. (United States).
Publication no. 0120962
36. Xie, C, R L Cheu* and D H Lee, "Calibration-free arterial link speed estimation model using loop data". *JOURNAL OF TRANSPORTATION ENGINEERING-ASCE*, 127, no. 6 (2001): 507-514. (United States).
Publication no. 0133372
37. Lee*, D H and Y Nie, "Accelerating Strategies and Computational Studies of The Frank-Wolfe Algorithm For The Traffic Assignment Problem". *TRANSPORTATION RESEARCH RECORD*, no. 1771 (2001): 97-105. (United States).
Publication no. 0131107
38. Chen*, A, M Tatineni*, D H Lee* and H Yang, "Effect of the Route Choice Models on Estimating Network Capacity Reliability". *TRANSPORTATION RESEARCH RECORD*, 1733 (2000): 63-70. (United States).
Publication no. 0120972
39. Boyce, D E, D H Lee*, B.N Janson and S Berka, "Dynamic User-Optimal Route Choice Modeling of a Large Scale Traffic Network". *JOURNAL OF TRANSPORTATION ENGINEERING-ASCE*, (1997): 276-282. (United States).
Publication no. 0121062
40. Chen*, H K, D H Lee* and C T Fu, "The Application of a Route Diversion Strategy to a Vehicle Route Guidance System Using Multiple Driver Classes". *TRANSPORTATION PLANNING AND TECHNOLOGY*, 18 (1994): 81-105. (United Kingdom).
Publication no. 0121065

ACCEPTED FOR PUBLICATION

41. Lee*, D H, J X CAO, Q X Shi and J H CHEN, "A heuristic algorithm for yard truck scheduling and storage allocation problems". *TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW*, (2009). (United Kingdom).
Publication no. 0410335
42. Lee*, D H and Z CAO, "Load Scheduling Of Multiple Yard Crane Systems in Container Terminal With Buffer Areas". *TRANSPORTATION RESEARCH RECORD*, (2009). (United States).
Publication no. 0382338
43. Lee*, D H and Z CAO, "Simultaneous Load Scheduling of Quay Crane and Yard Crane in Port Container Terminals". *TRANSPORTATION RESEARCH RECORD*, (2009). (United States).
Publication no. 0382337

44. Lee*, D H, J X CAO and Q X Shi, "Synchronization of yard truck scheduling and storage allocation in container terminals". *ENGINEERING OPTIMIZATION*, (2009). (United Kingdom).
Publication no. 0382494
45. Lee*, D H and J H CHEN, "An Improved Approach for Quay Crane Scheduling with Non-Crossing Constraints". *ENGINEERING OPTIMIZATION*, (2008). (United Kingdom).
Publication no. 0396632
46. Seow*, K T, N H Dang and D H Lee*, "A Collaborative Multiagent Taxi-Dispatch System". *IEEE Transactions on Automation Science and Engineering*, (2008). (United States).
Publication no. 0371004

SUBMITTED FOR PUBLICATION

47. Lee*, D H, J H CHEN and J X CAO, "Continuous Berth Allocation by Greedy Randomized Adaptive Search Procedure". *TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW*, (2009). (United Kingdom).
Publication no. 0410337
48. Lee*, D H, J H CHEN and J X CAO, "Quay Crane Scheduling for Multiple Vessels in Container Terminals". *TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW*, (2009). (United Kingdom).
Publication no. 0410336
49. Lee*, D H, J X CAO and Q X Shi, "A Hybrid genetic algorithm for yard truck scheduling and storage allocation in container terminals". *OR SPECTRUM*, (2009). (Germany).
Publication no. 0396631
50. Lee*, D H and H WANG, "Integrated discrete berth allocation and quay crane scheduling in port container terminals". *ENGINEERING OPTIMIZATION*, (2008). (United Kingdom).
Publication no. 0370359
51. CAO, Z and D H Lee*, "Scheduling of Multiple Yard Crane System for Loading Outbound Containers in Port Container Terminals". *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, (2008). (Netherlands).
Publication no. 0370346
52. Lee*, D H and H Q Wang, "An Approximation Algorithm for Quay Crane Scheduling with Non-crossing Constraints in Port Container Terminals". *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, (2008). (Netherlands).
Publication no. 0349977
53. Lee*, D H, H Q Wang and L X Miao, "An approximation algorithm for quay crane scheduling with handling priority in port container terminals". *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, (2007). (Netherlands).
Publication no. 0339363

54. Lee*, D H and M Dong, "Logistics network design for heterogeneous products recovery". *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, (2007). (Netherlands).
Publication no. 0309773
55. Lee*, D H and M Dong, "The design of sustainable logistics network under uncertainty". *INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS*, (2007). (Netherlands).
Publication no. 0313915
56. Lee*, D H, Q Meng* and W J Deng, "A Partial Linearized Method for Stochastic User Equilibrium Traffic Assignment Problem". *JOURNAL OF TRANSPORTATION ENGINEERING-ASCE*, (2004). (United States).
Publication no. 0187577
57. Huang*, B, N Liu and D H Lee, "A Bi-level Programming Approach to Optimizing a Logistic Distribution Network with Balancing Requirements". *TRANSPORTATION RESEARCH RECORD*, (2003). (United States).
Publication no. 0170150
58. Huang*, B, Y T Li and D H Lee, "Multi-Modal, Multi-Criteria Dynamic Route Choice: A GIS - Microscopic Traffic Simulation Approach". *TRANSPORTATION RESEARCH RECORD*, (2003). (United States).
Publication no. 0170147
59. Cheu*, R L, H Qi and D H Lee, "Simulation evaluation of probe vehicle-based freeway incident detection techniques". *TRANSPORTATION RESEARCH PART C-EMERGING TECHNOLOGIES*, (2002). (United Kingdom).
Publication no. 0156742

LOCAL/REGIONAL REFEREED

PUBLISHED

60. Meng*, Q and D H Lee, "Transport Bilevel Programming Problem: Unified Models and Algorithms". *Journal of Transportation Systems Engineering and Information Technology*, 6, no. 4 (2005): 120-140. (China).
Publication no. 0213744
61. Lee*, D H, Y Z Tan and R L Cheu, "Comparison of Paramics and Getram/Aimsun for ITS Simulations". *IES Journal*, 45, no. 2 (2005): 78-96. (Singapore).
Publication no. 0365426
62. Zhuang, Y, M W Hu* and D H Lee, "Application of microscopic traffic simulation software PARAMICS on ITS modeling and evaluation". *Journal of System Simulation*, 17, no. 7 (2005): 1655-1659. (China). (In Chinese).
Publication no. 0221199

63. Zheng, W Z, D H Lee* and Q Shi, "Comparison and evaluation of traffic diversion plans based on microscopic traffic simulation by PARAMICS". *Journal of Highway and Transportation Research and Development*, 21, no. 11 (2004): 70-73. (China).
Publication no. 0340429
64. Lee*, D H, S T Jeng and P Chandrasekar, "Applying data mining techniques for traffic incident analysis". *IES Journal*, 44, no. 2 (2004): 90-102. (Singapore).
Publication no. 0163204
65. Yeung, S W, R L Cheu* and D H Lee, "A laboratory platform for incident management simulations". *Journal of Institution of Engineers, Singapore*, 1, no. 2 (2004). (Singapore). (Electronic Journal (<http://www.ies.org.sg>)).
Publication no. 0162024
66. Lee*, D H and H Wang, "The application and development of ITS in Singapore". *Intelligent Transportation Systems Journal*, 10 (December 2001): 34-38. (China). (In Chinese).
Publication no. 0155505
67. Lee*, D H, M W Hu and Q X Shi, "Studies of integrated decision support system framework for traffic management". *Intelligent Transportation Systems Journal*, 10 (December 2001): 8-15. (China). (In Chinese).
Publication no. 0155504
68. Lee*, D H and Y Nie, "Integrated land use and transportation planning in Singapore". *China Mayors*, (2001 April 2001): 47-50. (China). (Invited Publication).
Publication no. 0136298
69. Cheu*, R L, C Xie and D H Lee, "Probe vehicle requirement for arterial link speed estimation". *Journal of Institution of Engineers, Singapore*, (2001): 8-13. (Singapore).
Publication no. 0155870
70. Lee, D H, "Paramics simulation at the California ATMIS testbed: a benchmark analysis". *IES Journal*, 41, no. 2 (2001): 32-36. (Singapore).
Publication no. 0136299

ACCEPTED FOR PUBLICATION

71. Lee*, D H, H Q Wang and L X Miao, "An interactive scheduling method for berths and quay cranes in port container terminals". *IES Journal*, (2006). (Singapore).
Publication no. 0309778
72. Lee*, D H, Z Cao and Q Meng, "Load scheduling for two-transtainer systems in port container terminals". *IES Journal*, (2006). (Singapore).
Publication no. 0309777

SUBMITTED FOR PUBLICATION

73. Ng, S T, R L Cheu* and D H Lee, "Simulation evaluation of the benefits of real-time traffic information to trucks during incidents". *Intelligent Transportation Systems Journal*, (2005). (China).
Publication no. 0206082
74. Tan, Y Z, R L Cheu* and D H Lee, "Comparison of PARAMICS and GETRAM/AIMSUN for ITS simulations". *Journal of Institution of Engineers, Singapore*, (2004). (Singapore).
Publication no. 0187496

@ - indicates journal classification is based on the proposed classification of the author(s)

CONFERENCE PAPER

LOCAL/REGIONAL

ORAL PRESENTATION

PUBLISHED

1. Lee*, D H, Q Meng* and W J Deng, "Modified partial linearized method with inexact line search for stochastic user equilibrium traffic assignment problem". *The 1st International Conference on Transportation Logistics (T-Log2005), eProceedings* (2005). Singapore. (The 1st International Conference on Transportation Logistics (T-Log2005), 27 - 29 Jul 2005, Furama RiverFront, Singapore)
Publication no. 0214641
2. Cao*, Z, D H Lee* and Q Meng, "Scheduling of two-transtainer systems in port container terminals". *The 1st International Conference on Transportation Logistics (T-Log2005), eProceedings* (2005). Singapore. (The 1st International Conference on Transportation Logistics (T-Log2005), 27 - 29 Jul 2005, Furama RiverFront, Singapore)
Publication no. 0214633
3. Lee*, D H and M Dong, "The design of integrated distribution network for reverse logistics operations". *The 1st International Conference on Transportation Logistics (T-Log2005), eProceedings* (2005). Singapore. (The 1st International Conference on Transportation Logistics (T-Log2005), 27 - 29 Jul 2005, Furama RiverFront, Singapore)
Publication no. 0214631
4. Cao*, Z, D H Lee* and Q Meng, "Deployment strategies of double rail mounted gantry crane systems for loading outbound containers in container terminals". *The 1st International Conference on Transportation Logistics (T-Log2005), eProceedings* (2005). Singapore. (The 1st International Conference on Transportation Logistics (T-Log2005), 27 - 29 Jul 2005, Furama RiverFront, Singapore)
Publication no. 0214627

5. Lee*, D H, L Y Song and H Q Wang, "A bi-level programming model and solutions of berth allocation and quay crane scheduling". *The 1st International Conference on Transportation Logistics (T-Log2005), eProceedings* (2005). Singapore. (The 1st International Conference on Transportation Logistics (T-Log2005), 27 - 29 Jul 2005, Furama RiverFront, Singapore)
Publication no. 0214622

6. Chandrasekar*, P, W T Chan, D H Lee, S H Wee and R L Cheu, "A simulation-driven internet-based predictive traffic information hub". *Proceedings of the IEEE 5th International Conference on Intelligent Transportation Systems* (2002): 968-975. Singapore: IEEE. (Proceedings of the IEEE 5th International Conference on Intelligent Transportation Systems, 3 - 6 Sep 2002, Singapore) (Also in CD-ROM).
Publication no. 0154626

7. Cheu*, R L, C Xie and D H Lee, "Probe vehicle requirement for arterial link speed estimation.". *Proceedings of the 6th International Conference on Applications of Advanced Technologies in Transportation Engineering* (2000). Singapore: Centre for Transportation Research, NUS. (Proceedings of the 6th International Conference on Applications of Advanced Technologies in Transportation Engineering, 28 - 30 Jun 2000, Singapore) (CD-ROM).
Publication no. 0131055

8. Oh*, J S, C.E Cortes, R Jayakrishnan and D H Lee, "Microscopic Simulation with Large-network Path Dynamic for Advanced Traffic Management and Information". *The 6th International Conference on Application of Advanced Technologies in Transportation Engineering* (2000) (The 6th International Conference on Application of Advanced Technologies in Transportation Engineering, 28 - 30 Jun 2000)
Publication no. 0121089

9. Lee, D H, "Paramics Simulation at the California ATMIS Testbed". *The 6th International Conference on Application of Advanced Technologies in Transportation Engineering* (2000) (The 6th International Conference on Application of Advanced Technologies in Transportation Engineering, 28 - 30 Jun 2000)
Publication no. 0121074

10. Chen*, A, D H Lee*, Y Nie and R Jayakrishnan, "Path and Link Based Traffic Assignment Algorithms: A Computational Study". *The 6th International Conference on Application of Advanced Technologies in Transportation Engineering* (2000) (The 6th International Conference on Application of Advanced Technologies in Transportation Engineering, 28 - 30 Jun 2000)
Publication no. 0121072

PRESENTED BUT NOT PUBLISHED

11. Lee*, D H and A Chen, "Path and Link Based Algorithms for the Traffic Assignment Problem". *The 5th Conference of the Association of Asian-Pacific Operations Research Societies within IFORS* (5 - 7 Jul 2000)
Publication no. 0121084

12. Lee*, D H, A Chen and Y Nie, "Computational Studies and Enhancements of the Gradient Projection Algorithm for Traffic Assignment Problem (Abstract)". *The 5th Conference of the Association of Asian-Pacific Operations Research Societies within IFORS (5 - 7 Jul 2000)*
Publication no. 0121080
13. Lee*, D H, A Chen and Y Nie, "Computer Experiments and Statistical Analysis on Algorithms for Traffic Assignment Problems (Abstract)". *The 5th Conference of the Association of Asian-Pacific Operations Research Societies within IFORS (5 - 7 Jul 2000)*
Publication no. 0121075

INTERNATIONAL

ORAL PRESENTATION

PUBLISHED

14. Lee*, D H, J CAO and Q X Shi, "Research on the Efficiency of Advanced Quay Crane Based on Stochastic Petri Net". *Proceedings of ITS AP 2008 (CD-ROM)* (2008). Singapore: ITS AP. (The 9th Intelligent Transport Systems Asia-Pacific Forum & Exhibition (ITS AP 2008), 14 - 16 Jul 2008, Singapore)
Publication no. 0382371
15. Lee*, D H, J CAO and Q Shi, "Truck scheduling and storage allocation for heterogeneous import container". *Proceedings of the 10th International Conference on Applications of Advanced Technologies in Transportation (AATT 2008)* (2008). Athens: ASCE. (10th International Conference on Applications of Advanced Technologies in Transportation (AATT 2008), 27 - 31 May 2008, Athens, Greece)
Publication no. 0370357
16. Lee*, D H and J X Cao, "Optimization of truck scheduling and storage allocation in container seaports". *Proceedings of the 10th International Conference on Applications of Advanced Technologies in Transportation (AATT 2008)* (2008). Athens: ASCE. (The 10th International Conference on Applications of Advanced Technologies in Transportation (AATT 2008), 27 - 31 May 2007, Athens, Greece)
Publication no. 0360432
17. Lee*, D H, H Q Wang and L X Miao, "An Approximation Algorithm for Quay Crane Scheduling with Non-Crossing and Safety Distance Constraints in Port Container Terminals". *Proceedings of the Eastern Asia Society for Transportation Studies* (2007). Dailian: Eastern Asia Society for Transportation Studies. (The 7th Eastern Asia Society for Transportation Studies Conference, 24 - 27 Sep 2007, Dailian Maritime University, Dailian, China)
Publication no. 0350552

18. Lee*, D H, M Dong and B Wen, "Reverse Logistics System Planning for Recycling Electrical Appliances in Asia Pacific Region". *Proceedings of T-Log2007 (CD-ROM)* (2007). Shenzhen: Tsinghua University. (The 2nd International Conference on Transportation Logistics, 4 - 6 Jul 2007, Tsinghua University, Shenzhen, China)
Publication no. 0350009
19. Lee*, D H, H Q Wang and L X Miao, "A genetic algorithm for quay crane scheduling with handling priority in port container terminal". *Proceedings of T-Log2007 (CD-ROM)* (2007). Shenzhen: Tsinghua University. (The 2nd International Conference on Transportation Logistics, 4 - 6 Jul 2007, Tsinghua University, Shenzhen, China)
Publication no. 0350008
20. Lee*, D H, Z Cao, Q Meng and H Q Wang, "Simultaneous Load Scheduling of Quay Crane and Yard Crane in Port Container Terminals". *Proceedings of T-Log2007 (CD-ROM)* (2007). Shenzhen: Tsinghua University. (The 2nd International Conference on Transportation Logistics, 4 - 6 Jul 2007, Tsinghua University, Shenzhen, China)
Publication no. 0350007
21. Lee*, D H, H Q Wang and L X Miao, "Quay Crane Scheduling in Port Container Terminals: A Heuristic Algorithm and Worst-Case Analysis". *Proceedings of 11th World Conference on Transport Research (CD-ROM)* (2007). Berkeley: University of California. (11th World Conference on Transport Research (CD-ROM), 24 - 28 Jun 2007, University of California, Berkeley, United States)
Publication no. 0350549
22. Lee*, D H, H Q Wang and L X Miao, "An Approximation Algorithm for Quay Crane Scheduling with Non-interference Constraints in Port Container Terminals". *Proceedings of TRISTAN VI (CD-ROM)* (2007). Lausanne: Ecole Polytechnique Fédérale de Lausanne. (Sixth Triennial Symposium on Transportation Analysis, 10 Jun - 15 Oct 2007, Le Meridien Phuket Beach Resort, Phuket, Thailand)
Publication no. 0350547
23. Lee*, D H, J X Cao and Q X Shi, "Analysis of the Container Terminal Traffic with Productivity Constraints: A Simulation Approach". *Proceedings of the 14th World Congress on Intelligent Transport Systems (CD-ROM)* (2007). Beijing: ITS World Congress. (14th World Congress on ITS, 9 - 13 Oct 2007, Beijing Exhibition Centre, Beijing, China)
Publication no. 0350005
24. Khoo*, H L, C H J FUNG, J X Xu, D H Lee, Q Meng and J S Lim, "An Application of Intelligent Noise Filtering Techniques in Demand Forecasting for Carsharing Systems". *Proceedings of the 14th World Congress on Intelligent Transport Systems (CD-ROM)* (2007). Beijing: ITS World Congress. (14th World Congress on ITS, 9 - 13 Oct 2007, Beijing Exhibition Centre, Beijing, China) (Best (2nd place) scientific paper award).
Publication no. 0350002

25. Dong*, M, D H Lee* and W Bian, "Reverse logistics system planning for recycling electrical appliances at IBM in Asia Pacific region". *Proceeding of INFORMS International Meeting 2006* (2006). Hong Kong: INFORMS. (INFORMS International Meeting 2006, 25 - 28 Jun 2006, Sheraton Hotel & Towers, Hong Kong, China)
Publication no. 0314434
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