CURRICULUM VITAE

PROFESSOR CHRISTOS TARANTILIS
Department of Management Science and Technology,
Athens University of Economics and Business

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SYNOPSIS

RESEARCH
- ✓ Interests: Management Science, Logistics & Transportation, Production & Service Management
- ✓ 64 Papers in Web of Science Indexed Journals (i.e. Impact Factor)
- ✓ 15 papers in ABS category 4 (i.e. "journals publish the most original and best-executed research") and 25 papers in ABS category 3, ("journals publish original and well-executed research papers and are highly regarded"), according to the Association of Business Schools' (ABS) Academic Journal Guide 2015 (http://charteredabs.org)
- ✓ 1 Book (in Greek), 5 Edited Volumes, 5 Refereed Book Chapters, 88 papers in Refereed Conferences (proceedings+presentations)
- ✓ 15 research projects: 10 projects as Supervisor/Principal Investigator, 9 projects as Senior Researcher at Athens University of Economics and Business (AUEB)

TEACHING & SUPERVISION
- ✓ Courses: Management Science, Decison Making, Logistics and Supply Chain Management, Operations Management, , Production and Service Management (both in Greek and English)
- ✓ Supervision of 8 PhD Dissertations, more than 20 BSc and MSc dissertations at AUEB

RECOGNITION
- ✓ Prof. Tarantilis has received, more than twenty five (25) times, the highest teaching evaluation score from his undergraduate and postgraduate/MBA students (both in English and Greek).
- ✓ Average Teaching Evaluation for the undergraduate courses = 4.79/5.00
- ✓ Average Teaching Evaluation for the postgraduate courses = 4.60/5.00
- ✓ His algorithms for the solution of logistics problems have been internationally acclaimed
- ✓ Citations: According to Google Scholar: 3,584 citations (2,178 citations since 2012) and h-index: 32, Web of Science (ISI): 1,317 citations (excluding self citations) and h-index: 23, Scopus: 1,891 citations, h-index: 25
- ✓ Four papers were ranked among the most downloaded articles on ScienceDirect
- ✓ He has served 7 times as chairman, 27 times as member of scientific committees in international and national scientific conferences, and 3 times as guest editor in leading academic journals.
- ✓ He is on the editorial board of several academic journals (e.g "Networks" journal, Wiley).
- ✓ He was the representative of AUEB Business School in the documentary entitled "Academic and Scientific Excellence in AUEB", compiled by the Ministry of Education, June 2015.

ADMINISTRATIVE EXPERIENCE
- ✓ Head of the Department of Management Science and Technology (DMST), AUEB. He was the Department Head leading the Department of Management Science and Technology to an excellent evaluation by an external five-member committee of distinguished professors in highly recognized Universities of Great Britain and the USA (LSE, Imperial, Aston, California etc)
- ✓ Director of the Operations Research and Decision Systems Center, AUEB (2009-now)
- ✓ Member of the AUEB team, responsible for the re-accreditation of the International MBA by the Association of MBAs (AMBA), November 2014.
- ✓ Member of the Steering Commitees for the following Graduate Programs at AUEB (2009-now): Executive MBA, International MBA, MSc in International Shipping, Finance and Management
- ✓ Head of the Committee for Faculty Promotions, DMST, AUEB, September 2013 - August 2014
- ✓ Special Secreaty & Member of the BoD of the Hellenic Operational Research Society (2001-05)

Professor Christos D. Tarantilis

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A. EDUCATION

- *PhD in Operations Research and Transportation Logistics*   2002
    National Technical University of Athens, Greece.

- *MSc in Operational Research*   1998
    London School of Economics, UK*.*

- *4 year Diploma in Mathematics* (first in graduation)   1997
    University of Patras, Greece.

B. PROFESSIONAL EXPERIENCE

- *Professor*   2013 - now
    Department of Management Science and Technology,
    Athens University of Economics and Business, Greece.

- *Head*   2009 - now
    Center of Operations Research and Decision Systems
    Management Science Laboratory,
    Department of Management Science and Technology,
    Athens University of Economics and Business, Greece.

- *Head*   2013-2014
    Department of Management Science and Technology,
    Athens University of Economics and Business, Greece.

- *Associate Professor*   2009 - 2013
    Department of Management Science and Technology,
    Athens University of Economics and Business, Greece.

- *Lecturer*   2004 - 2009
    Department of Management Science and Technology,
    Athens University of Economics and Business, Greece.

- *Senior Researcher*   2002 - 2006
    National Technical University of Athens, Greece

- *Researcher*   1998 - 2002
    National Technical University of Athens, Greece

C. RESEARCH

C1. RESEARCH INTERESTS

– *Management Science, Operations Research, Computational Decisison Making* (combinatorial and network optimization, evolutionary algorithms and computational Intelligence, heuristics, exact algorithms, matheuristics)

– Production and Operations Management, Logistics and Transportation (vehicle routing and scheduling, pickup and delivery systems, intermodal transportation, production planning and inventory control, production scheduling, location and layout, packing logistics, project management)

– *Green Supply Chain Management* (recycling and waste operations, environmental footprint and supply chains, fuel-efficient transportation systems)

C2. PAPERS IN WEB OF SCIENCE INDEXED JOURNALS (i.e. IMPACT FACTOR)

64. Nikolopoulou AI, Repoussis PP, Tarantilis CD, Zachariadis EE (2017). Moving products between location pairs: Cross-Docking versus Direct-Shipping. <u>European Journal of Operational Research</u> 256(3), 803–819 (ABS 2015:4, Impact Factor: 2.679)

63. Plitsos S, Repoussis PP, Mourtos I, Tarantilis CD (2017). Energy-aware decision support for production scheduling. <u>Decision Support Systems</u> 93, 88–97 (ABS 2015:3, Impact Factor: 2.604)

62. Varias, Anastasios; Repoussis, Panagiotis; Tarantilis, Christos (2017). Assessing Customer Service Reliability in Route Planning with Self-Imposed Time Windows and Stochastic Travel Times. <u>Transportation Science</u> (to appear) (ABS 2015:3, Impact Factor: 2.294)

61. Nikolopoulou AI, Repoussis PP, Tarantilis CD, Zachariadis EE (2016). Adaptive memory programming for the many-to-many vehicle routing problem with cross-docking. <u>Operational Research. An International Journal</u> (to appear) doi: 10.1007/s12351-016-0278-1 (Impact Factor: 0.600).

60. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2016). Vehicle Routing Problem with Simultaneous Pick-Ups and Deliveries and Two Dimensional Loading Constraints. <u>European Journal of Operational Research</u> 251(2), 369-386 (ABS 2015:4, Impact Factor: 2.679)

59. Paraskevopoulos D, **Tarantilis CD**, Ioannou G (2016). An Adaptive Memory Programming framework for the Resource Constrained Project Scheduling Problem. <u>International Journal of Production Research</u> 54 (16), 4938–4956 (ABS 2015:3, Impact Factor: 1.693)

58. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2015). Vehicle routing strategies for pick-up and delivery service under two dimensional loading constraints. <u>Operational Research. An International Journal</u> (to appear) (Impact Factor: 0.600).

57. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2015). The Load-Dependent Vehicle Routing Problem and its pick-up and delivery extension. <u>Transportation Research Part B: Methodological</u> 71, 158-181. (ABS 2015:4, Impact Factor: 3.769)

56. Gounaris C, Repoussis P, **Tarantilis CD**, Wiesemann W, Floudas C (2014). An Adaptive Memory Programming Framework for the Robust Capacitated Vehicle Routing Problem. Transportation Science (to appear), http://dx.doi.org/10.1287/trsc.2014.0559. (ABS 2015:3, Impact Factor: 2.294)

55. **Tarantilis CD**, Anagnostopoulou A, Repoussis PP (2013). Adaptive Path Relinking for Vehicle Routing and Scheduling Problems with Product Returns. Transportation Science 47(3), 356-379. (ABS 2015:3, Impact Factor: 2.294)

54. **Tarantilis CD** (2013). Adaptive Multi-Restart Tabu Search Algorithm for the Vehicle Routing Problem with Cross-Docking. Optimization Letters 7(7), 1583-1596. (Impact Factor: 0.990)

53. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2013). Designing vehicle routes for a mix of different request types, under time windows and loading constraints. European Journal of Operational Research 229 (2), 303–317. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

52. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2013). Integrated distribution and loading planning via a compact metaheuristic algorithm. European Journal of Operational Research 228(1), 56-71. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

51. **Tarantilis CD**, Stavropoulou F, Repoussis PP (2013). The Capacitated Team Orienteering Problem: A Bi-level Filter-and-Fan Method. European Journal of Operational Research 224, 65–78. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

50. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2012). The Pallet Packing Vehicle Routing Problem. Transportation Science 46(3), 341-358. (ABS 2015:3, Impact Factor: 2.294, ABDC 2013:A)

49. **Tarantilis CD**, Stavropoulou F, Repoussis PP (2012). A Template-based Tabu Search Algorithm for the Consistent Vehicle Routing Problem. Expert Systems with Applications 39(4), 4233-4239. (ABS 2015:3, Impact Factor:1.965)

48. Paraskevopoulos DC, **Tarantilis CD**, Ioannou G (2012). Solving Project Scheduling Problems with Resource Constraints via an Event List-based Evolutionary Algorithm. Expert Systems with Applications 39(4), 3983-3994. (ABS 2015:3, Impact Factor:1.965)

47. Zachariadis EE, **Tarantilis CD,** Kiranoudis CT (2010). An Adaptive Memory Methodology for the Vehicle Routing Problem with Simultaneous Pick-Up and Delivery Services. European Journal of Operational Research 202(2), 401-411. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

46. Repoussis PP, **Tarantilis CD**, Bräysy O, Ioannou G (2010). A Hybrid Evolution Strategy for the Open Vehicle Routing Problem. Computers & Operations Research 37(3), 443-455. (ABS 2015:3, Impact Factor: 1.718, ABDC 2013:A)

45. Repoussis PP, **Tarantilis CD** (2010). Solving Heterogeneous Vehicle Routing and Scheduling Problems via Adaptive Memory Programming. Transportation Research Part C 18(5), 695-712. (Impact Factor: 2.820, ABDC 2013:A)

44. Repoussis PP, **Tarantilis CD**, Ioannou G (2009). An Arc-Guided Evolutionary Algorithm for the Vehicle Routing Problem with Time Windows. IEEE Transactions Evolutionary Computation 13(3), 624-647. (ABS 2015:4, Impact Factor: 5.545)

43. **Tarantilis CD**, Zachariadis EE, Kiranoudis CT (2009). A Hybrid Metaheuristic Algorithm for the Integrated Vehicle Routing and Three-dimensional Container Loading Problem. <u>IEEE Transactions on Intelligent Transportation Systems</u> 10(2), 255-271. (Impact Factor: 2.472, ABDC 2013:A)

42. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2009). An Integrated Local Search Solution Methodology for Inventory and Routing Decisions. <u>Expert Systems with Applications</u> 36(7), 10239-10248. (ABS 2015:3, Impact Factor:1.965)

41. Bräysy O, Porkka P, Dullaert W, Repoussis P, **Tarantilis C** (2009). A Well-scalable Metaheuristic for the Fleet Size and Mix Vehicle Routing Problem with Time Windows. <u>Expert Systems with Applications</u> 36(4), 8460-8475. (ABS 2015:3, Impact Factor:1.965)

40. Zobolas G, **Tarantilis CD**, Ioannou G (2009). Solving the Open Shop Scheduling Problem via a Hybrid Metaheuristic Algorithm. <u>Cybernetics and Systems: An International Journal</u> 40(4), 259-285. (Impact Factor: 0.507)

39. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2009). A Guided Tabu Search for the Vehicle Routing Problem with Two-Dimensional Loading Constraints. <u>European Journal of Operational Research</u> 195(3), 729-743. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

38. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2009). A Hybrid Metaheuristic Algorithm for the Vehicle Routing Problem with Simultaneous Delivery and Pick-up Service. <u>Expert Systems with Applications</u> 36(2), 1070-1081. (ABS 2015:3, Impact Factor:1.965)

37. Repoussis PP, Paraskevopoulos DC, Zobolas G, **Tarantilis CD**, Ioannou G (2009). A Web-based Decision Support System for Waste Lube Oils Collection and Recycling. <u>European Journal of Operational Research</u> 195(3), 676-700. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

36. Zobolas GI, **Tarantilis CD**, Ioannou G (2009). Minimizing Makespan in Permutation Flow Shop Scheduling Problems using a Hybrid Metaheuristic Algorithm. <u>Computers & Operations Research</u> 36(4), 1249-1267. (ABS 2015:3, Impact Factor: 1.718, ABDC 2013:A)

35. Zobolas G, **Tarantilis CD**, Ioannou G. (2009). A Hybrid Evolutionary Algorithm for the Job Shop Scheduling Problem. <u>Journal of the Operational Research Society</u> 60(2), 221-235. (ABS 2015:3, Impact Factor: 0.911, ABDC 2013:A)

34. **Tarantilis CD**, Zachariadis EE, Kiranoudis CT (2008). A Hybrid Guided Local Search for the Vehicle Routing Problem with Intermediate Replenishment Facilities. <u>INFORMS Journal on Computing</u> 20(1), 154-168. (ABS 2015:3, Impact Factor: 1.120, ABDC 2013:A*)

33. **Tarantilis CD**, Zachariadis EE, Kiranoudis CT (2008). A Guided Tabu Search for the Heterogeneous Vehicle Routeing Problem. <u>Journal of the Operational Research Society</u> 59, 1659-1673. (ABS 2015:3, Impact Factor: 0.911, ABDC 2013:A)

32. Zobolas GI, **Tarantilis CD**, Ioannou G (2008). Extending Capacity Planning by Positive Lead Times and Optional Overtime, Earliness and Tardiness for Effective Master Production Scheduling. <u>International Journal of Production Research</u> 46(12), 3359-3386. (ABS 2015:3, Impact Factor:1.323, ABDC 2013:A)

31. **Tarantilis CD**, Kiranoudis CT, Theodorakopoulos ND (2008). A Web-based ERP System for Business Services and Supply Chain Management. Application to Real-world Process Scheduling. <u>European Journal of Operational Research</u> 187(3), 1310-1326. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

30. **Tarantilis CD** (2008). Topics in Real-time Supply Chain Management. <u>Computers & Operations Research</u> 35(11), 3393-3396. (ABS 2015:3, Impact Factor: 1.718, ABDC 2013:A)

29. Paraskevopoulos DC, Repoussis PP, **Tarantilis CD**, Ioannou G, Prastacos GP (2007). A Reactive Variable Neighbourhood Tabu Search for the Heterogeneous Fleet Vehicle Routing Problem with Time Windows. <u>Journal of Heuristics</u> 14(5), 425-455. (ABS 2015:3, Impact Factor: 1.718)

28. Sarimveis H, Patrinos P, **Tarantilis CD**, Kiranoudis CT (2008). Dynamic Modeling & Control of Supply Chain Systems: A Review. <u>Computers & Operations Research</u> 35(11), 3530-3561. (ABS 2015:3, Impact Factor: 1.718, ABDC 2013:A)

27. Philippidou S, Karageorgiou M, **Tarantilis CD**, Prastacos, G, Soderquist E. (2008). Meeting the Challenge of a Planned Technological Change within an Institutional Context. <u>Public Administration</u> 86(2), 429-442. (ABS 2015:4, Impact Factor: 1.718, ABDC 2013:A)

26. **Tarantilis CD**, Kiranoudis CT (2007). A Flexible Adaptive Memory-based Algorithm for Real-life Transportation Operations. <u>European Journal of Operational Research</u> 179(3), 806-822. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

25. Repoussis PP, **Tarantilis CD**, Ioannou G (2007). The Open Vehicle Routing Problem with Time Windows. <u>Journal of the Operational Research Society</u> 58, 355-367. (ABS 2015:3, Impact Factor: 0.911, ABDC 2013: A)

24. **Tarantilis CD** (2006). An ASP-based Model Employing a Tabu Search Method for Making e-Logistics Decisions. <u>Cybernetics and Systems: An International Journal</u> 37(1), 47-58. (Impact Factor: 0.507)

23. **Tarantilis CD** (2005). Solving the Vehicle Routing Problem with Adaptive Memory Programming Methodology. <u>Computers and Operations Research</u> 32(9), 2309-2327. (ABS 2015:3, Impact Factor: 1.718, ABDC 2013:A)

22. **Tarantilis CD**, Ioannou G, Kiranoudis CT, Prastacos G (2005). Solving the Open Vehicle Routeing Problem via a Single Parameter Metaheuristic Algorithm. <u>Journal of the Operational Research Society</u> 56(5), 588-596. (ABS 2015:3, Impact Factor: 0.911, ABDC 2013:A)

21. **Tarantilis CD**, Gendreau M and Spinellis D (2005). The Impact of Metaheuristic Strategies in Transportation and Logistics Applications. <u>IEEE Intelligent Systems</u> 20(4), 16-18. (Impact Factor: 1.920)

20. El Raheb K, Repoussis P, **Tarantilis CD**, Kiranoudis CT (2005). Production Scheduling with Complex Precedence Constraints in Parallel Machines. <u>Computing & Informatics</u> 24(3), 297-319. (Impact Factor: 0.319)

19. **Tarantilis CD**, Ioannou G, Prastacos G (2005). Advanced Vehicle Routing Algorithms for Complex Operations Management Problems. <u>Journal of Food Engineering</u> 70(3), 455-471. (Impact Factor: 2.576)

18. Petinis VV, **Tarantilis CD,** Kiranoudis CT (2005). Warehouse Sizing and Inventory Scheduling for Multiple Stock Keeping Products. <u>International Journal of Systems Science</u> 36(1), 39-47. (Impact Factor: 1.579)

17. **Tarantilis CD**, Kiranoudis CT, Vassiliadis VS (2004). A Threshold Accepting Meta-heuristic for the Heterogeneous Fixed Fleet Vehicle Routing Problem. <u>European Journal of Operational Research</u> 152(1), 148-158. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

16. Sambrakos E, Paravantis J, **Tarantilis CD**, Kiranoudis CT (2004). Dispatching of Small Containers via Coastal Freight Liners: the Case of the Aegean Sea. <u>European Journal of Operational Research</u> 152(2), 365-381. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

15. **Tarantilis CD**, Diakoulaki D, Kiranoudis CT (2004). Combination of GIS and Efficient Routing Algorithms for Real Life Distribution-Transportation Operations. <u>European Journal of Operational Research</u> 152(2), 437-453. (ABS 2015:4, Impact Factor: 1.843, ABDC 2013:A*)

14. **Tarantilis CD**, Kiranoudis CT (2004). An Adaptive Memory Programming Method for Risk Logistics Operations. <u>International Journal of Systems Science</u> 35(10), 579-590. (Impact Factor: 1.579)

13. **Tarantilis CD**, Ioannou G, Kiranoudis CT, Prastacos G (2004). A Threshold Accepting Approach to the Open Vehicle Routing Problem. <u>RAIRO. Recherché Opérationnelle</u> 38, 345-360. (ABS:1, 0.333)

12. **Tarantilis CD**, Kiranoudis CT, Vassiliadis VS (2003). A List based Threshold Accepting Metaheuristic for the Heterogeneous Fixed Fleet Vehicle Routing Problem. <u>Journal of the Operational Research Society</u> 54(1), 65-71. (ABS 2015:3, Impact Factor: 0.911, ABDC 2013:A)

11. **Tarantilis CD**, Kiranoudis CT (2002). BoneRoute: An Effective Memory-based Method for Effective Fleet Management. <u>Annals of Operations Research</u> 115(1), 227-241. (ABS 2015:3, Impact Factor: 1.103, ABDC 2013: A)

10. **Tarantilis CD**, Kiranoudis CT (2002). A List-based Threshold Accepting Method for the Job Shop Scheduling Problem. <u>International Journal of Production Economics</u> 77(2), 159-171. (ABS 2015:3, ABDC 2013: A*)

9. **Tarantilis CD**, Kiranoudis CT (2002). Using a Spatial Decision Support System for Solving the Vehicle Routing Problem. <u>Information & Management</u> 39(5), 359-375. (ABS 2015:3, Impact Factor: 1.788, (Impact Factor: 2.576, ABDC 2013: A*)

8. **Tarantilis CD**, Kiranoudis CT, Markatos NC (2002). Use of the BATA Algorithm and MIS to Solve the Mail Carrier Problem. <u>Applied Mathematical Modelling</u> 26(4), 481-500. (Impact Factor: 2.158)

7. **Tarantilis CD**, Kiranoudis CT, Vassiliadis VS (2002). A List Based Threshold Accepting Algorithm for the Capacitated Vehicle Routing Problem. <u>International Journal of Computer Mathematics</u> 79(5), 537-553. (Impact Factor:0.721)

6.   **Tarantilis CD**, Kiranoudis CT (2002). A Modern Local Search Method for Operations Scheduling of Dehydration Plants. Journal of Food Engineering 52(1), 17-23. (Impact Factor: 2.576)

5.   **Tarantilis CD**, Kiranoudis CT (2002). An Efficient Meta-heuristic Algorithm for Routing Product Collecting Vehicles of Dehydration Plants. I. Algorithm Development. Drying Technology 19(1), 965-985. (Impact Factor: 1.742)

4.   **Tarantilis CD**, Kiranoudis CT (2002). An Efficient Meta-heuristic Algorithm for Routing Product Collecting Vehicles of Dehydration Plants. II. Algorithm Performance and Case Studies. Drying Technology 19(1), 987-1004. (Impact Factor: 1.742)

3.   **Tarantilis CD**, Kiranoudis CT (2002). Distribution of Fresh Meat. Journal of Food Engineering 51(1), 85-91. (Impact Factor: 2.576)

2.   **Tarantilis CD**, Kiranoudis CT (2001). A Meta-heuristic Algorithm for the Efficient Distribution of Perishable Foods. Journal of Food Engineering 50(1), 1-9. (Impact Factor: 2.576)

1.   **Tarantilis CD**, Kiranoudis CT (2001). Using the Vehicle Routing Problem for the Transportation of Hazardous Materials. Operational Research. An International Journal 1(1), 67-78. (Impact Factor: 0.311, Invited paper)

C3. PAPERS IN REFEREED NON-WEB OF SCIENCE INDEXED JOURNALS

2.   **Tarantilis CD**, Kiranoudis CT, Vassiliadis VS (2002). A Backtracking Adaptive Threshold Accepting Metaheuristic Method for the Vehicle Routing Problem. Systems Analysis Modeling Simulation 42(5), 631-644.

1.   Skouloudis A, **Tarantilis CD**, Kiranoudis CT (2002). Business-To-Business E-Commerce and Marketing; Developing, Planning and Managing a B2B Portal. Management, 27, 22-36 (Invited paper – leading article).

C4. BOOKS

1.   **Tarantilis CD**, Kiranoudis CT, Ioannou G (2004). Distribution Management – Services at Greek Enterprises: Methodologies, Systems, Case Studies, Athens: Sideris Publications (in Greek).

C5. BOOK CHAPTERS

5.   Gounaris CE, Repoussis PP, **Tarantilis CD**, Floudas C (2011). A Hybrid Branch-and-Cut Approach for the Capacitated Vehicle Routing Problem, in Computer Aided Chemical Engineering, Pistikopoulos EN, Kokossis AC (Eds), vol.29, pp. 507-511.

4.   Repoussis PP, **Tarantilis CD**, Ioannou G (2009). An Evolutionary Algorithm for the Open Vehicle Routing Problem with Time Windows, in: Bio-inspired Algorithms for the Vehicle Routing Problem. Pereira F, Tavares J (Eds), Studies in Computational Intelligence, Springer-Verlag, pp. 55-75.

3.   Zobolas GI, **Tarantilis CD**, Ioannou G (2008). Exact, Heuristic and Meta-heuristic Algorithms for Solving Shop Scheduling Problems, in: Metaheuristics for Scheduling in Industrial and Manufacturing Applications, Series. Xhafa F, Ajith A (Eds), Studies in Computational Intelligence, Springer-Verlag, vol. 128, pp. 1-48 (leading chapter).

2.   **Tarantilis CD** (2007). Routing Vehicles, Algorithms in: Encyclopedia of Geographical Information Science. Shekhar S, Xiong H (Eds), Springer-Verlag, pp. 979-987.

1.   **Tarantilis CD**, Kiranoudis CT (2002). Risk Logistics in Banking Management, in: Banking Management, in: Contributions to Management Science. New trends in banking management. Zopounidis C (Ed), Physica-Verlag, pp. 279-292.

C6. EDITED VOLUMES

5. **Tarantilis CD**, Nikolaou G (Eds.) (2008). <u>Management Science, Technology, and Green Economy</u>. Proceedings of the 5th Student Conference on Management Science and Technology, Athens: Klidarithmos Publications (in Greek).

4. Zeimpekis VS, **Tarantilis CD**, Giaglis GM, Minis I (Eds) (2007). <u>Dynamic Fleet Management - Concepts, Systems, Algorithms and Case Studies,</u> Book Series: Operations Research/Computer Science Interfaces Series, vol. 38, Springer-Verlag.

3. **Tarantilis CD**, Dimitratos P (Eds.) (2007). <u>Management Science, Technology, and Corporate Social Responsibility</u>. Proceedings of the 4th Student Conference on Management Science and Technology, Athens: Klidarithmos Publications (in Greek).

2. **Tarantilis CD**, Dimitratos P (Eds.) (2006). <u>Entrepreneurship and Technology: The Key to Competition</u>. Proceedings of the 3rd Student Conference on Management Science and Technology, Athens: Klidarithmos Publications (in Greek).

1. Pouloudi N, **Tarantilis CD** (Eds.) (2005). <u>New Trends in Business Administration</u>. Proceedings of the 2nd Student Conference on Management Science and Technology, Athens: Giourdas Publications (in Greek).

C7. RESEARCH REPORTS

3. Anagnostopoulou A, Repoussis P, **Tarantilis CD** (2012). GRASP with Path Relinking for Vehicle Routing Problems with Clustered and Mixed Backhauls. Working Paper.

2. Stavropoulou F, Repoussis PP, **Tarantilis CD** (2012). The Consistent Vehicle Routing Problem with Profits. Working Paper.

1. Gendreau M, **Tarantilis CD** (2010). Solving Large-scale Vehicle Routing Problems with Time Windows: The State-of-the-Art. Working Paper.

C8. PAPERS IN REFEREED CONFERENCE PROCEEDINGS

27. Nikolopoulou AI, Repoussis PP, Tarantilis CD, Zachariadis EE (2015). Moving Products between Location Pairs: Consolidation against Direct Shipping. <u>Proceedings of the Extended Abstracts, ODYSSEUS 2015</u>, 31 May – 5 June, Ajaccio, Corsica, France.

26. Paraskevopoulos D, Repoussis PP, Tarantilis CD (2015). The Resource Constrained Vehicle Routing Problem. <u>Proceedings of the Extended Abstracts, ODYSSEUS 2015</u>, 31 May – 5 June, Ajaccio, Corsica, France.

25. Repoussis PP, Gounaris CE, Stavropoulou F, **Tarantilis CD**, Floudas CA (2012). Collaborative template-based tabu search and branch-and-cut methods for the consistent vehicle routing problem, <u>Proceedings of the Extended Abstracts, ODYSSEUS 2012,</u> 21-25 May, Mykonos, Greece, pp. 154-157.

24. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2012). A rich vehicle routing problem with three-dimensional loading aspects, <u>Proceedings of the Extended Abstracts, ODYSSEUS 2012,</u> 21-25 May, Mykonos, Greece, pp. 530-533.

23. Stavropoulou F, Repoussis PP, **Tarantilis CD** (2010). Template-based tabu search algorithms for the multi-period vehicle routing problem with consistent service constraints, <u>Proceedings of the Extended Abstracts, TRISTAN VII</u>, 20-25 June, Tromso, Norway, pp. 732-735.

22. Anagnostopoulou A, Repoussis PP, **Tarantilis CD** (2010). A path relinking based evolutionary algorithm for vehicle routing problems with time windows and return products, <u>Proceedings of the Extended Abstracts, TRISTAN VII</u> 20-25 June, Tromso, Norway, pp. 25-28.

21. Repoussis PP, **Tarantilis CD** (2009). Routing a heterogeneous fleet of vehicles for the delivery of multiple products, <u>Proceedings of the Extended Abstracts, Odysseus 2009</u>, 26-29 May, Cesme, Izmir, Turkey.

20. Repoussis PP, **Tarantilis CD**, Ioannou G (2008). Solving heterogeneous vehicle routing and scheduling problems via adaptive memory programming, <u>Proceedings of the Extended Abstracts, 10th International Conference on Application of Advanced Technologies in Transportation, AATT 2008</u>, 27 -31 May, Athens, Greece.

19. **Tarantilis CD**, Zachariadis EE, Kiranoudis CT (2007). A hybrid metaheuristic algorithm for the capacitated vehicle routing problem with two-dimensional loading constraints, <u>Proceedings of the Extended Abstracts of 7th Metaheuristics International Conference Montreal</u>, 25-29 June, Montreal, Canada (CD-ROM).

18. Paraskevopoulos D, Repoussis PP, **Tarantilis CD**, Ioannou G (2007). The vehicle routing problem with qualifications, <u>Proceedings of the 4th Management Science & Technology Student Conference</u>, 17 May, DAIS Center, Athens, Greece, vol 2, pp. 119-125.

17. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2007). A tabu search algorithm for the vehicle routing problem with loading constraints, <u>Proceedings of the 4th Management Science & Technology Student Conference</u>, 17 May, DAIS Center, Athens, Greece, vol 1, pp. 151-160.

16. Zobolas G, **Tarantilis CD**, Ioannou G (2007). A genetic algorithm for the permutation flow shop scheduling problem, <u>Proceedings of the 4th Management Science & Technology Student Conference</u>, 17 May, DAIS Center, Athens, Greece, vol 1, pp. 161-167.

15. Repoussis P, **Tarantilis CD**, Ioannou G (2007). A hybrid metaheuristic for real life vehicle routing problem, <u>Lecture Notes in Computer Science</u> 4310, <u>Proceedings of the 6th Conference on Numerical Methods and Applications - NMA'06</u>, 20 August, Borovets, Bulgaria, pp. 247-254.

14. Repoussis PP, Paraskevopoulos DC, **Tarantilis CD**, Ioannou G (2006). A reactive greedy randomized variable neighborhood tabu search for the vehicle routing problem with time windows, <u>Lecture Notes in Computer Science</u> 4030, <u>Proceedings of the 3rd International Workshop on Hybrid Metaheuristics</u>, 13 October, Gran Canaria, Spain, pp. 124-138.

13. Repoussis PP, Paraskevopoulos D, **Tarantilis CD**, Ioannou G, Prastacos GP (2006). Constructive heuristics for the vehicle routing problem with time windows, <u>Proceedings of the 3rd Management Science & Technology Student Conference</u>, 10 May, DAIS Center, Athens, Greece, pp. 367-373.

12. Paraskevopoulos D, Repoussis PP, **Tarantilis CD**, Ioannou G, Prastacos GP (2006). Hybrid metaheuristic algorithms for solving vehicle routing and scheduling problems, <u>Proceedings of the 3rd Management Science & Technology Student Conference</u>, 10 May, DAIS Center, Athens, Greece, pp. 330-336.

11. Mandellos N, **Tarantilis CD**, Kiranoudis CT (2006). An efficient heuristic for solving a ship routing problem, <u>Proceedings of the 3rd Management Science & Technology Student Conference</u>, 10 May, DAIS Center, Athens, Greece, pp. 248-254.

10. Theodorakopoulos N, **Tarantilis CD**, Kiranoudis CT (2006). An ERP system for business process management, <u>Proceedings of the 3rd Management Science & Technology Student Conference</u>, 10 May, DAIS Center, Athens, Greece, pp. 149-152.

9. Dimitriou S, **Tarantilis CD**, Ioannou G, Prastacos GP (2006). Dynamic lead time estimation in MRP, <u>Proceedings of the 3rd Management Science & Technology Student Conference</u>, 10 May, DAIS Center, Athens, Greece, pp. 85-90.

8. Zachariadis M, **Tarantilis CD**, Kiranoudis CT (2006). A tabu search for solving the multi-depot vehicle routing problem with inter-depot routes, <u>Proceedings of the 3rd Management Science & Technology Student Conference</u>, 10 May, DAIS Center, Athens, Greece, pp. 126-134.

7. Zobolas G, **Tarantilis CD**, Ioannou G (2006). A comparison of differential evolution and genetic algorithms for solving the job shop scheduling problem, <u>Proceedings of the 3rd Management Science & Technology Student Conference,</u> 10 May, DAIS Center, Athens, Greece, pp. 142-148.

6. Paraskevopoulos DC, Repoussis PP, **Tarantilis CD**, Ioannou G, Prastacos GP (2005). A decision support system for waste lube oils collection, <u>Proceedings of the 11th International</u>

Conference on Industrial Engineering and Engineering Management, 23- 25 April, Shenyang, China, pp. 121-127.

5. Paraskevopoulos D, **Tarantilis CD**, Ioannou G, Prastacos GP (2005). A tabu search metaheuristic algorithm for solving the multi-depot VRP with time windows, Proceedings of the 2nd Management Science & Technology Student Conference, 18 May, Athens, Greece, pp. 51-59.

4. Dimitriou S, **Tarantilis CD**, Ioannou G, Prastacos GP (2005). Supply chain coordination and optimization, Proceedings of the 2nd Management Science & Technology Student Conference, 18 May, Athens, Greece, pp. 67-72.

3. Repoussis PP, **Tarantilis CD**, Ioannou G, Prastacos GP (2005). A greedy heuristic algorithm for solving the VRP with time windows. Proceedings of the 2nd Management Science & Technology Student Conference, 18 May, Athens, Greece, pp. 60-66.

2. Repoussis PP, Paraskevopoulos DC, Zobolas G, **Tarantilis CD**, Ioannou G (2005). A decision support system for effective management of waste lube oils recycling operations, Proceedings of the Joined Conference 10th Euro Working Group Transportation and 16th Mini-EURO, Poznan University of Technology, Poznan, Poland, pp. 587-594.

1. **Tarantilis CD**, Skouloudis A, Kiranoudis CT (2002). An ASP for e-logistics operations, Proceedings of the 6th Balkan Conference on Operational Research, 22-25 May, Thessalonica, Greece.

C9. PRESENTATIONS AT REFEREED SCHOLARLY MEETINGS

66. Nikolopoulou A, Repoussis P, **Tarantilis CD**, Zachariadis E (2016). Adaptive Memory Programming for the Multi-Product Vehicle Routing Problem with Cross-Docking. VeRoLog 2016: annual workshop of the EURO working group on Vehicle Routing and Logistics optimization (VeRoLog), 6-8 June, Nantes, France.

65. Repoussis PP, Varias A, **Tarantilis CD** (2016). Service Reliability in the Vehicle Routing and Time Window Assignment Problem with Stochastic Travel Times. 2016 POMS Annual Conference, 6-9 May, Lake Buena Vista Hilton, Orlando, Florida, U.S.A.

64. Varias A, Repoussis R, Tarantilis C (2016). Vehicle Routing with Stochastic Travel Times and Service Reliability Aspects. 5th International Symposium and 27th National Conference on Opeational Research, 9-11 June, Athens Grecce.

63. Nikolopoulou A, Repoussis P, Tarantilis CD, Zachariadis E (2016). An Adaptive Memory Programming Framework for Optimizing Transportation Activities between Suppliers and Customers with Cross-Docking. 5th International Symposium and 27th National Conference on Opeational Research, 9-11 June, Athens Grecce.

62. Nikolopoulou AI, Repoussis PP, Tarantilis CD, Zachariadis EE (2015). Direct shipping vs cross-docking for the distribution of products between supplier and customer pairs. 3rd Olympus International Conference on Supply Chains, 7-9 November, MetropolitanEXPO, El. Venizelos Airport, Athens, Greece

61. Repoussis PP, Varias A, **Tarantilis CD** (2015). Assessing Customer Service Reliability in Route Planning with Self-Imposed Time Windows and Uncertain Travel Times, TSL 2015- 4th INFORMS Transportation Science and Logistics Society Workshop, 6-8 July, Berlin, Germany

60. Repoussis PP, Paraskevopoulos D, **Tarantilis CD** (2015). Iterated Local Search for the Flexible Job Shop Scheduling Problem with Resource Constraints, POM 2015 - Twenty Sixth Annual Conference, 8-11 May, Washington, DC, U.S.A.

59. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2015). The Vehicle Routing Problem with Simultaneous Pick-Ups and Deliveries and Two-Dimensional Loading Constraints, VeRoLog 2015, 8-10 June, Vienna, Austria.

58. Varias A, Repoussis PP, Tarantilis CD (2015). Robust Optimization Frameworks for Vehicle Routing Problems under Uncertainty, 12th Management Science & Technology Student Conference, 14 May, Athens, Greece.

57. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2014). The Load-Dependent Vehicle Routing Problem and its Pick-up and Delivery Extension, <u>EURO working Group on Vehicle Routing and Logistics Optimization (VeRoLog) Conference,</u> 22-25 June, Oslo, Norway.

56. Paraskevopoulos D, Repoussis PP, **Tarantilis CD** (2014). Iterated Local Search Algorithm for Flexible Job Shop Scheduling Problems with Resource Constraints. <u>20th Conference of the International Federation of Operational Research Societies</u>, 13-18 July, Barcelona, Spain.

55. Repoussis PP, Gounaris CE, Wiesemann W, **Tarantilis CD**, Floudas CA (2013). Towards an Adaptive Memory Programming Approach for the Robust Capacitated Vehicle Routing Problem. 26th <u>EURO - INFORMS Joint International Conference</u>, 1-4 July, Rome, Italy.

54. Gounaris CE, Repoussis PP, **Tarantilis CD**, Wiesemann W, Floudas CA (2013). Solving the Robust Vehicle Routing Problem Via Adaptive Memory Programming. <u>Computing and Systems Technology Division, 2013 AIChE Annual Meeting</u>, 3-8 November, San Francisco, USA.

53. Nikolopoulou A, Repoussis PP, **Tarantilis CD** (2013). Multi-echelon and multi-source vehicle routing problems: A review, <u>10th Management Science & Technology Student Conference</u>, 16 May, Athens, Greece.

52. Paraskevopoulos D, Repoussis PP, **Tarantilis CD** (2013). Residential waste collection in urban environments, <u>EURO working Group on Vehicle Routing and Logistics Optimization (VeRoLog) Conference</u>, Southampton, 8-10 July, UK.

51. Zachariadis EE, **Tarantilis CD**, Kiranoudis CT (2013). Solving the vehicle routing problem with cargo weight considerations, 26th <u>EURO - INFORMS Joint International Conference</u>, 1-4 July, Rome, Italy.

50. Anagnostopoulou A, Repoussis PP, **Tarantilis CD** (2012). Adaptive path relinking for vehicle routing problems with simultaneous pickups and deliveries, <u>23rd Hellenic Operational Research Society Conference</u>. 12-14 September, NTUA, Athens, Greece.

49. Anagnostopoulou A, Repoussis PP, **Tarantilis CD** (2012). Path relinking optimization method for Vehicle Routing and Scheduling Problems with Product Returns, <u>EURO working Group on Vehicle Routing and Logistics Optimization (VeRoLog) Conference</u>, 18-20 June, Bologna, Italy.

48. Stavropoulou F, Repoussis PP, **Tarantilis CD** (2012). A filter-and-fan algorithm for the team orienteering problem, <u>9th Management Science & Technology Student Conference</u>, 10 May, Athens, Greece.

47. Anagnostopoulou A, Repoussis PP, **Tarantilis CD** (2011). Vehicle routing problem with dynamic requests, <u>1st National Conference of Hellenic Mathematical Society and Hellenic Operational Research Society</u>, 24-26 June, Athens, Greece.

46. Stavropoulou F, Repoussis PP, **Tarantilis CD** (2011). A filter-and-fan algorithm for the capacitated team orienteering problem, <u>1st National Conference of Hellenic Mathematical Society and Hellenic Operational Research Society</u>, 24-26 June, Athens, Greece.

45. Stavropoulou F, Repoussis PP, **Tarantilis CD** (2011). An efficient local search algorithm for the consistent vehicle routing problem, <u>1st National Conference of Hellenic Mathematical Society and Hellenic Operational Research Society</u>, 24-26 June, Athens, Greece.

44. Anagnostopoulou A, Repoussis PP, **Tarantilis CD** (2011). GRASP with adaptive path relinking for vehicle routing problems with product returns, <u>1st National Conference of Hellenic Mathematical Society and Hellenic Operational Research Society</u>, 24-26 June, Athens, Greece.

43. Paraskevopoulos D, **Tarantilis CD**, Ioannou G (2011). A hybrid evolutionary algorithm for the resource constrained project scheduling problem, <u>8th Management Science & Technology Student Conference</u>, 12 May, Athens, Greece.

42. Anagnostopoulou A, Repoussis PP, **Tarantilis CD** (2011). A path relinking for vehicle routing and scheduling problems with product pickups and deliveries, <u>8th Management Science & Technology Student Conference</u>, 12 May, Athens, Greece.

41. Anagnostopoulou A, Repoussis PP, **Tarantilis CD** (2011). Vehicle routing problem with dynamic requests: The state of the art, 8th Management Science & Technology Student Conference, 12 May, Athens, Greece.

40. Stavropoulou F, Repoussis PP, **Tarantilis CD** (2011). A tabu search algorithm for the team orienteering problem, 8th Management Science & Technology Student Conference, 12 May, Athens, Greece.

39. Repoussis PP, Gounaris CE, **Tarantilis CD**, Floudas C (2010). Towards an exact approach for the capacitated vehicle routing problem, EURO XXIV, 11-14 July, Lisbon, Portugal.

38. Paraskevopoulos D, Repoussis PP, **Tarantilis CD**, Ioannou G (2010). A decision support system for cruise yacht scheduling and routing, EURO XXIV, 11-14 July, Lisbon, Portugal.

37. Stavropoulou F, Repoussis PP, **Tarantilis CD** (2010). A tabu search algorithm for the periodic vehicle routing problem, 7th Management Science & Technology Student Conference, 13 May, Athens, Greece.

36. Anagnostopoulou A, Repoussis PP, **Tarantilis CD** (2010). A path relinking algorithm for the vehicle routing problem with simultaneous pickups and deliveries. 7th Management Science & Technology Student Conference, 13 May, Athens, Greece.

35. Gounaris CE, Repoussis PP, **Tarantilis CD**, Floudas C (2010). A hybrid approach for the exact solution of the capacitated vehicle routing problem, American Institute of Chemical Engineering (AIChE) Annual Meeting, 7-12 November, Salt Lake City, USA.

34. Repoussis PP, **Tarantilis CD**, Ioannou G (2009). An arc-guided evolutionary algorithm for the vehicle routing problem with time windows, 21st National Operational Research Conference, 27-28 May, Athens, Greece.

33. Anagnostopoulou A, Repoussis PP, **Tarantilis CD** (2009). A multi-restart guided local search for the vehicle routing problem with time windows and backhauls, 6th Management Science & Technology Student Conference, 7 May, Athens, Greece.

32. Stavropoulou F, Repoussis PP, **Tarantilis CD** (2009). A dual-mode tabu search algorithm for the consistent vehicle routing problem, 6th Management Science & Technology Student Conference, 7 May, Athens, Greece.

31. Fountoulakis K, Repoussis PP, **Tarantilis CD** (2009). Vehicle routing and scheduling with cross docking constraints, 6th Management Science & Technology Student Conference, 7 May, Athens, Greece.

30. Paraskevopoulos D, **Tarantilis CD**, Ioannou G (2008). Constructive heuristics for the resource constrained project scheduling problem, 5th Management Science & Technology Student Conference, 8 May, DAIS Center, Athens, Greece.

29. Repoussis PP, **Tarantilis CD**, Ioannou G (2007). An adaptive memory based hybrid metaheuristic for vehicle routing problem with time windows, 19th National Conference on Operational Research, Arta, Greece.

28. Repoussis PP, **Tarantilis CD**, Ioannou G (2007). Solving the open vehicle routing problem with time windows via adaptive memory programming, 22nd European Conference on Operational Research EURO XXII, 8-11 July, Prague, Czech Republic.

27. Zobolas G, **Tarantilis CD**, Ioannou G (2007). A hybrid metaheuristic algorithm for the permutation flow shop scheduling problem. 22nd European Conference on Operational Research EURO XXII, 8-11 July, Prague, Czech Republic.

26. Repoussis PP, **Tarantilis CD**, Ioannou G, Prastacos GP (2006). An intelligent reactive GRASP for the vehicle routing problem with time windows, EURO XXI ,21st European Conference on Operational Research, 2-5 July, Reykjavik, Iceland.

25. Repoussis PP, **Tarantilis CD**, Ioannou G (2006). A web based fleet management DSS: A case study from waste recycling industry, EURO XXI ,21st European Conference on Operational Research, 2-5 July, Reykjavik, Iceland.

24. Repoussis PP, **Tarantilis CD**, Ioannou G, Prastacos GP (2005). A simple GRASP for the vehicle routing problem with time windows, 17th National Conference of the Hellenic Operations Research Society, University of Patras, Rio, Greece.

23. Theodorakopoulos ND, **Tarantilis CD**, Kiranoudis CT (2005). Streamlining supply chains in construction enterprises, 17th National Conference of the Hellenic Operations Research Society, University of Patras, Rio, Greece.

22. Zobolas G, **Tarantilis CD**, Mitropoulos H, Ioannou G (2004). A genetic algorithm for efficient production scheduling, EURO XX 20th European Conference on Operational Research, 4-7 July, Rhodes, Greece.

21. Papoutsis K, **Tarantilis CD** (2004). A threshold accepting algorithm for the examination timetabling problem, EURO XX 20th European Conference on Operational Research, 4-7 July, Rhodes, Greece.

20. Theodorakopoulos DN, **Tarantilis CD**, Kiranoudis CT (2004). An ERP system for attacking business processes under ISO standard, EURO XX 20th European Conference on Operational Research, 4-7 July, Rhodes, Greece.

19. Mandellos N, Kiranoudis CT, **Tarantilis CD** (2004). An intelligent decision support system for addressing distribution operations, EURO XX 20th European Conference on Operational Research, 4-7 July, Rhodes, Greece.

18. Paraskevopoulos D, **Tarantilis CD**, Ioannou G, Prastacos GP (2004). Operational planning of material handling systems based on a vehicle routing metaheuristic, EURO XX 20th European Conference on Operational Research, 4-7 July, Rhodes, Greece.

17. Dimitriou S, Robinson S, Ioannou A, **Tarantilis CD**, Ioannou G (2004). Assessing the comparative efficiency of British Telecom call-centres using data envelopment analysis, EURO XX 20th European Conference on Operational Research, 4-7 July, Rhodes, Greece.

16. Repoussis P, **Tarantilis CD**, Ioannou G, Prastacos GP (2004). The open vehicle routing problem with time windows, EURO XX 20th European Conference on Operational Research, 4-7 July, Rhodes, Greece.

15. Kiranoudis CT, **Tarantilis CD** (2003). A DSS for solving real-life vehicle routing problems using an adaptive memory programming method, EURO/INFORMS Joint International Conference, 6-10 July, Istanbul, Turkey (invited paper).

14. Petinis V, **Tarantilis CD**, Kiranoudis CT (2003). Warehouse sizing for multiple stock keeping products, Computational Management Science Conference, 27-30 May, Chania, Crete, Greece.

13. **Tarantilis CD**, Skouloudis A, Kiranoudis CT (2002). Business to Business e-commerce and marketing, development and managing a B2B web site, 12th Mini EURO Conference, Brussels, 2-5 April, Brussels, Belgium.

12. **Tarantilis CD**, Digalakis M, Kiranoudis CT (2002). An application service provider for e-maximum demand location problem, 6th Balkan Conference on Operational Research, 22-25 May, Thessalonica, Greece.

11. **Tarantilis CD**, Kiranoudis CT (2002). Threshold accepting methods for large scale vehicle routing problems, 15th Hellenic Operational Research Society Conference, 31 October - 1 November, Tripoli, Greece.

10. **Tarantilis CD**, Kiranoudis CT (2002). SEPAS: An adaptive memory procedure for effective distribution planning, 15th Hellenic Operational Research Society Conference, 31 October - 1 November, Tripoli, Greece.

9. **Tarantilis CD**, Kiranoudis CT (2001). An adaptive memory based tabu search heuristic for banking logistics management operations, 10th IFORS Special Conference: New trends in banking management, 1-3 April, Athens, Greece.

8. **Tarantilis CD**, Kiranoudis CT (2001). A tabu search heuristic for making routing decisions in hazardous materials transportation, European Chapter on Combinatorial Optimization ECCO XIV, 31 May-2 June, University of Bonn, Germany.

7. **Tarantilis CD**, Kiranoudis CT (2001). An adaptive memory based tabu search heuristic for the vehicle routing problem, <u>European Operational Research Conference</u>, 9-11 July, Rotterdam, Nederlands.

6. **Tarantilis CD**, Kiranoudis CT, Vassiliadis VS (2001). A meta-heuristic for the heterogeneous fixed fleet vehicle routing problem, <u>European Operational Research Conference</u>, 9-11 July, Rotterdam, Nederlands.

5. **Tarantilis CD**, Skouloudis A, Kiranoudis CT (2001). Use of internet technology for effective on-line marketing and CRM, <u>14th National Operational Research Conference</u>, 1-3 November, Xanthi, Greece.

4. **Tarantilis CD**, Skouloudis A, Kiranoudis CT (2001). A business-to-business platform for e-logistics operations, <u>14th National Operational Research Conference</u>, 1-3 November, Xanthi, Greece.

3. **Tarantilis CD**, Kiranoudis CT (2001). Adaptive memory programming for the capacitated vehicle routing problem, <u>14th National Operational Research Conference</u>, 1-3 November, Xanthi, Greece.

2. **Tarantilis CD**, Skouloudis A, Kiranoudis C (2001). GIS platform for e-logistics Operations, <u>11th Meeting of GIS ArcInfo-ArcView Users</u>, Holiday Inn Hotel, Athens 8-9 November.

1. **Tarantilis CD**, Kiranoudis CT, Vassiliadis VS (2000). A backtracking adaptive threshold accepting meta-heuristic method for the vehicle routing problem, <u>American Institute of Chemical Engineering (AIChE) meeting</u>, 12-17 November, Los Angeles, USA

C10. THESES

2. **Tarantilis CD** (2002). "Algorithms for representing and solving complex and large-scale combinatorial optimization problems: Application to the vehicle routing problem", PhD Dissertation, National Technical University of Athens, Greece (in Greek).

1. **Tarantilis CD** (1998). "Production planning and control using a materials requirement planning system", MSc Dissertation, Department of Operational Research, London School of Economics, UK.

D. TEACHING & SUPERVISION

D1. UNDERGRADUATE COURSES & EVALUATION SCORES

- "**Optimization Methods in Management Science**", 5th Semester, Department of Management Science and Technology (DMST), Athens University of Economics and Business (AUEB),
  Average Teaching Evaluation (2013-2015)= 4.82/5.00

- "**Strategies for Decision Making and Problem Solving**", 7th Semester, Department of Management Science and Technology (DMST), Athens University of Economics and Business,
  Average Teaching Evaluation (2013-2015)= 4.95/5.00

- "**Topics in Operations Research & Decisison Systems**", 6th Semester, Department of Management Science and Technology (DMST), Athens University of Economics and Business,
  Average Teaching Evaluation (2013-2014)= 4.95/5.00

- "**Management Science in Practice I**", 5th Semester, Department of Management Science and Technology (DMST), Athens University of Economics and Business (AUEB),
  Average Teaching Evaluation (2004-2013)= 9.47/10.0

- "**Management Science in Practice II**", 6th Semester, Department of Management Science and Technology (DMST), Athens University of Economics and Business

Average Teaching Evaluation (2004-2013)= 9.69/10.0

- "**Mathematics for Management Science**", 1st Semester, Department of Management Science and Technology (DMST), Athens University of Economics and Business
Average Teaching Evaluation (2004-2006)= 8.81/10.0

D2. POSTGRADUATE COURSES & EVALUATION SCORES

- *"**Data, Models and Decisions**"*, International MBA programme, compulsory course, Athens University of Economics and Business, full-time programme (in English)
Teaching Evaluation (2013-2016) = 4.75/5.00

- *"**Data, Models and Decisions**"*, International MBA programme, compulsory course, Athens University of Economics and Business, part-time programme (in English)
Teaching Evaluation (2013-2015) = 4.36/5.00

- *"**Large Scale Opimization**"*, MSc in Business Analytics, compulsory course, Athens University of Economics and Business, full-time programme
Teaching Evaluation (2015-2016) = 9.58/10.00

- *"**Large Scale Opimization**"*, MSc in Business Analytics, compulsory course, Athens University of Economics and Business, part-time programme
Teaching Evaluation (2015-2016) = 9.53/10.00

- *"**Quantitative Methods in Management**"*, Executive MBA programme, Athens University of Economics and Business
Average Teaching Evaluation (2012-2016) = 8.94/10.00

- *"**Decision Making Techniques**"*, Executive MBA programme, Athens University of Economics and Business
Average Teaching Evaluation (2011-2016) = 9.15/10.00

- *"**Operations Management**"*, MSc in Public Policy and Management programme, Athens University of Economics and Business
Average Teaching Evaluation (2013-2015)=9.40/10.00

- *"**Operations Research**"*, MBA programme, Athens University of Economics and Business
Teaching Evaluation (2013-2014) = 4.71/5.00

- *"**Operations Management**"*, Executive MBA programme, compulsory course, International Hellenic University (in English)
Teaching Evaluation (2010-2011) = 4.63/5.00

- *"**Supply Chain Management**"*, Executive MBA programme, International Hellenic University (in English)
Teaching Evaluation (2008-2009) = 4.70/5.00

- *"**Service Operations Management**"*, International MBA programme, Athens University of Economics and Business (in English)
Average Teaching Evaluation (2010-2013) = 4.75/5.00

- *"**Management Science**"*, MBA in Telecoms programme, Athens University of Economics and Business
  Teaching Evaluation (2012-2013) = **4.47/5.00**

- *"**Service Operations Management**"*, Executive MBA programme, Athens University of Economics and Business
  Average Teaching Evaluation (2008-2012) = 9.20/10.00

- *"**Service Management**"*, MSc in Public Policy and Management programme, Athens University of Economics and Business
  Average Teaching Evaluation (2010-2013) = 9.29/10.00

- *"**Service Management**"*, MSc in Services Management part-time programme, Athens University of Economics and Business
  Average Teaching Evaluation (2010-2012)=9.33/10.00

- *"**Service Management**"*, MSc in Services Management full-time programme, Athens University of Economics and Business
  Teaching Evaluation (2010-2011) = **4.50/5.00**

D3. PhD THESIS SUPERVISION
- Tasos Varias, 2014-today, "Mathematical Models and Optimization Methods for Vehicle Routing Problems under Uncertainty"
- Amalia Nikolopoulou, 2012-today, "Mathematical Models and Optimization Methods for Vehicle Routing Problems with Cross Docking"
- Afroditi Anagnostopoulou, 2009-2012, "Optimization Methods for Vehicle Routing Problems with Pickups and Deliveries" (completed)
- Foteini Stavropoulou, 2009-2012, "Hybrid Optimization Methods Vehicle Routing Problem with Multiple Periods" (completed)
- Dimitris Paraskevopoulos, 2007-2011, "Optimization Methods for the Resource Constrained Project Scheduling Problem" (completed, co-supervision with Prof. G. Ioannou)
- Emmanouil Zachariadis, 2006-2010, "Metaheuristic Algorithms for Vehicle Routing Problems", (completed, co-supervision with Prof. C. Kiranoudis)
- George Zobolas, 2004-2009, "Optimization Methods for Complex Production Planning and Scheduling Problems", (completed, co-supervision with Prof. G. Ioannou)
- Panagiotis Repoussis, 2004-2008, "Optimization Methods for Vehicle Routing Problems" (completed, co-supervision with Prof. G. Ioannou)

D4. BSc & MSc THESIS SUPERVISION
- More than 20 BSc and MSc dissertations at Athens University of Economics and Business
- More than 35 Field Study Undergraduate Projects at the Department of Management Science and Technology, Athens University of Economics and Business

E. RECOGNITION

E1. PRIZES AND ACHIEVEMENTS
- Prof. Tarantilis has received, more than twenty five (25) times, the highest teaching evaluation score from his undergraduate and postgraduate/MBA students.
- Average Teaching Evaluation for the undergraduate courses = 4.79/5.00

- Average Teaching Evaluation for the postgraduate courses = 4.60/5.00
- Prof. Tarantilis was the Department Head leading the Department of Management Science and Technology to an excellent evaluation by an external five-member committee of distinguished professors in highly recognized Universities of Great Britain and the USA (see the AUEB announcement www.dmst.aueb.gr/index.php/en/homeen/24-currentsnewsen/462-adip-en and the report http://modip.aueb.gr/images/files/ExtEvalReport_DMSTAUEB.pdf)
- Prof. Tarantilis' research proposal "Collaborative Optimization Methods for Vehicle Routing and Scheduling Problems with Product Returns," which is being funded through the "2011 Basic Research Funding Program" (one-year funding program) of AUEB, received the second highest evaluation score (9.850/10.000) among 64 applications that were submitted by 64 Faculty members of the eight Departments of AUEB. The research proposals were evaluated by international experts.
- His algorithms for the solution of large scale vehicle routing and scheduling problems have been internationally acclaimed, finding several *new best solutions* for different and well-known benchmark instances extracted from the literature.
- Scholarship by the National Technical University of Athens, for PhD studies, 2000-2002
- First in graduation, Department of Mathematics, University of Patras, February, 1997
- Award by the Athens City Council, for excellent school performance, 1988

E2. CITATIONS
- According to Google Scholar: 3,584 citations (2,178 citations since 2012) and h-index: 32, Web of Science (ISI): 1,317 citations (excluding self citations) and h-index: 23, Scopus: 1,891 citations, h-index: 25
- The papers C2.11 and C2.23 are cited in the anniversary article "**Fifty Years of Vehicle Routing**" by Professor Laporte in the leading journal *Transportation Science* 43(4), 408–416, 2009.
- The papers C2.11 and C2.23 are included in the review article "**What you should know about the vehicle routing problem**" by Professor Gilbert Laporte in the journal *Naval Research Logistics* 54(8), 811–819, 2007.
- The BoneRoute algorithm presented in the paper C2.11 has been distinguished by Cordeau J-F, Laporte G, Savelsbergh MWP, Vigo D (in their review chapter "Vehicle Routing" in the well-respected *Handbook in OR & MS*, Vol. 14, 2007) as **one of the three best performance metaheuristics ever designed** for solving the classical version of the Vehicle Routing Problem.
- The paper C2.29 has been distinguished by Professor Fred Glover as **one of the most significant contributions in literature of Tabu Search** spot.colorado.edu/~glover/tabusearchvignettes.html

E3. READABILITY
- The paper C2.37 was ranked the 3rd most downloaded article on ScienceDirect compared to the papers that have been published in 49 Decision Sciences journals, 88 Mathematics journals and 112 Computer Science journals of ELSEVIER, for the quarter January - March 2009 top25.sciencedirect.com/subject/decision-sciences/8/archive/21/
- The paper C2.28 was ranked the 2nd most downloaded article for the academic time windows October 2009 - September 2010 and January-December 2011, in reference to the *Computers & Operations Research* journal top25.sciencedirect.com/subject/decision-sciences/8/journal/computers-operationsresearch/03050548/archive/36/
- The paper C2.31 was the 5th most downloaded article on ScienceDirect among the papers that have been published in 49 Decision Sciences journals of ELSEVIER, for the quarter April – June 2008 top25.sciencedirect.com/subject/decision-sciences/8/archive/18/
- The paper C2.31 was ranked the 11th most downloaded article on ScienceDirect compared to the papers that have been published in 112 Computer Science journals of ELSEVIER, for the quarter April – June 2008 top25.sciencedirect.com/subject/computer-science/7/archive/18/

- The paper C2.45 was ranked the 11th most downloaded article for the quarter July-September 2010, in reference to the international academic journal *Transportation Research Part C* top25.sciencedirect.com/subject/decision-sciences/8/journal/transportation-research-part-c-emerging-technologies/0968090X/archive/28/
- The paper C2.23 was ranked the 21st most downloaded article on ScienceDirect compared to the papers that have been published in 88 Mathematics journals of ELSEVIER, for the quarter April - June 2008 top25.sciencedirect.com/subject/mathematics/16/archive/18/
- The paper C2.14 is included in the "top 10 on-line articles list", in reference to the journal *International Journal of Systems Science* for the academic year 2005-2006.

E4. EDITORIAL SERVICE
- Member of the Editorial Board of the "Networks", 2014-now
- co-Guest Editor (with Prof. Roberto Baldacci), special issue on "Vehicle Routing" for Networks, 2014
- Member of the Editorial Board of the "Operational Research. An International Journal", 2006-now
- Member of the Editorial Board of the "International Journal of Multicriteria Decision Making", 2010-now
- Guest Editor, special issue on "Real-time Supply Chain Management" for Computers and Operations Research, 2008
- co-Guest Editor (with Prof. Michel Gendreau and Prof. Diomidis Spinellis), special issue on "Advanced Heuristics for Transportation and Logistics" Vehicle Routing" for IEEE Intelligent Systems, 2005

E5. SERVICE AT SCHOLARLY MEETINGS
- Member of the Scientific Committee, TRISTAN IX – The Triennial Symposium on Transportation Analysis, 13-17 June, Aruba, 2016.
- Member of the Scientific Committee, 5th International Symposium and 27th National Conference on Operational Research, Aigaleo, Athens, 2016.
- Member of the Scientific Committee, VeRoLog 2015 – 4th Meeting of the EURO Working Group on Vehicle Routing and Logistics Optimization, 8-10 June, Vienna, Austria, 2015
- Member of the Scientific Committee, ODYSSEUS 2015 - the 6th International Workshop on Freight Transportation and Logistics, 30 May – 6 June, Ajaccio, France, 2015
- Member of the Scientific Committee, VeRoLog 2014 – 3rd Meeting of the EURO Working Group on Vehicle Routing and Logistics Optimization, 22-25 June, Oslo, Norway, 2014
- Member of the Scientific Committee, 3rd International Symposium and 25th National Conference on Operational Research, 26-28 June, Volos, Greece, 2014
- Member of the Scientific Committee, OPTI 2014 – Engineering and Applied Sciences Optimization Conference, 4-6 June, Kos Island, Greece, 2014
- Member of the Scientific Committee, 2nd International Symposium & 24th National Conference on Operational Research, 26-28 September, NTUA, Athens, Grecee, 2013
- Member of the Scientific Committee, TRISTAN VIII – The Triennial Symposium on Transportation Analysis, 9-14 June, San Pedro de Atacama, Chile, 2013
- Member of the Scientific Committee, VeRoLog 2013 – 2nd Meeting of the EURO Working Group on Vehicle Routing and Logistics Optimization, 7-10 July, Southampton, UK, 2013
- Chairman, ODYSSEUS 2012 - the 5th International Workshop on Freight Transportation and Logistics, 21-25 May, Mykonos island, Greece, 2012
- Member of the Scientific Committee, 2nd National Student Conference of the Hellenic Operational Research Society, 13-15 December, Piraeus, 2012

- Member of the Scientific Committee, the 7th International Conference of the Management of Technological Changes, 1-3 September, Alexandroupolis, Greece, 2011
- Member of the Scientific Committee, 1st National Joint Conference of the Hellenic Mathematical Society and the Hellenic Operational Research Society, 24-26 June, Athens, Greece, 2011
- co-Chairman, International Meeting on Management Science and Technology, 10 November, Athens, Greece, 2010
- Member of the Scientific Committee, 1st National Student Conference of the Hellenic Operational Research Society, 25-27 November, Athens, Greece, 2010
- Member of the Scientific Committee, the 6th International Conference of the Management of Technological Changes, 3-5 September, Greece, 2009
- Member of the Scientific Committee, 21st Hellenic Operational Research Society Conference, 28-30 May, Athens, Greece, 2009.
- Chairman, Workshop on Computational Methods in Management Science, 26 June, Athens, Greece, 2008
- Chairman, 5th Management Science and Technology Student Conference, 8 May, Athens, Greece, 2008
- Member of the Scientific Committee, 20th Hellenic Operational Research Society Conference, 19-21 May, Athens, Greece, 2008.
- Member of the Scientific Committee, MIC 2007 - the 7th Metaheuristics International Conference, 25-29 June, Montreal, Canada, 2007
- Chairman, 4th Management Science and Technology Student Conference, 17 May, Athens, Greece, 2007
- Member of the Scientific Committee, 19th Hellenic Operational Research Society Conference, 21-23 June, Arta, Greece, 2007.
- Member of the Scientific Committee, the 5th International Conference of the Management of Technological Changes, 25-26 August, Greece, 2007
- Chairman, 3rd Management Science and Technology Student Conference, 10 May, Athens, Greece, 2006
- Member of the Scientific Committee, the 4th International Conference of the Management of Technological Changes, 19-20 August, Greece, 2005
- Member of the Scientific Committee, 17th Hellenic Operational Research Society Conference, 16-17 June, Patra, Greece, 2005.
- co-Chairman, 2nd Management Science and Technology Student Conference, 18 May, Athens, Greece, 2005
- Member of the Organizing Committee, EURO XX – the 20th European Conference of Operational Research, 4-7 July, Rhodes Island, 2004
- Member of the Scientific Committee, 4th Hellenic Operational Research Society Special Conference, 14-15 October, Chania, 2004.
- Member of the Scientific Committee, the 3rd International Conference of the Management of Technological Changes, 29-30 August, Greece, 2003
- Member of the Scientific Committee, 16th Hellenic Operational Research Society Conference, 25-27 September, Tripoli, Greece, 2003.
- Member of the Organizing Committee, the 15th National Conference of Operational Research, 31 October-2 November, Xanthi, Greece, 2002
- Member of the Scientific Committee, the 6th Balkan Conference of Operational Research, 22-25 May, Thessaloniki, Greece, 2002

E6. REVIEWER FOR SCIENTIFIC JOURNALS

4OR, Annals of Operations Research, Applied Mathematics and Computation, Biosystems Engineering, Central European Journal of Operations Research, Computers & Industrial Engineering, Computers and Operations Research, Environmental Modelling and Software, Engineering

Optimization, European Journal of Industrial Engineering, European Journal of Operational Research, EURO Journal on Transportation and Logistics, IEEE Intelligent Systems, IEEE Transactions on Engineering Management, INFORMS Journal on Computing, International Journal on Artificial Intelligence Tools, International Journal of Logistics, International Journal of Multicriteria Decision Making, International Journal of Production Research, International Journal of Systems Science, Journal of Heuristics, Journal of Mathematical Modelling and Algorithms, Journal of the Operational Research Society, Naval Research Logistics, Networks, Optimization Letters, RAIRO – Operations Research, Robotics and Computer-Integrated Manufacturing, Supply Chain Management: An International Journal, IEEE Transactions on Intelligent Transportation Systems, Transportation Letters, Transportation Research Part B, Transportation Research Part C, Transportation Research Part E, Transportation Science (INFORMS).

E7. PLENARY LECTURES
- "The Role of Operational Research and New Technologies in Education and Business", 1st National Student Conference of the Hellenic Operational Research Society, November, Piraeus, Greece
- "Young Leaders", MONEY SHOW 2008, Hilton Hotel, December, Athens, Greece, 2008
- "Meritocracy and Performance Evaluation in Organizations and Public Sector", MONEY SHOW 2007, Hilton Hotel, January, Athens, Greece, 2007

F. ADMINISTRATIVE EXPERIENCE

F1. ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS
- Head, Department of Management Science and Technology, Athens University of Economics and Business, 2013-2014.
- Director, Operations Research and Decision Systems Center/Management Science Laboratory, Athens University of Economics and Business, 2010-now
- Head, Committee for Faculty Promotions, Department of Management Science and Technology, Athens University of Economics and Business, September 2013 - August 2014
- Head, Committee for Promoting the Department of Management Science and Technology, Athens University of Economics and Business, 2006-now
- Head, Undergraduate Programme Committee, Department of Management Science and Technology, Athens University of Economics and Business, September 2013 - August 2014
- Member of the Executive MBA programme Steering Committee, Athens University of Economics and Business, December 2011-now
- Member of the International MBA programme Steering Committee, Athens University of Economics and Business, Novemeber 2012-August 2013
- Member of the AUEB team, responsible for the re-accreditation of the International MBA by the Association of MBAs (AMBA), November 2014.
- Member of the MSc in Management Science and Technology programme Steering Committee, Athens University of Economics and Business, September 2014-now
- Member of the MSc in International Shipping, Finance and Management programme Steering Committee, Athens University of Economics and Business, May 2015-now
- Representative of AUEB Business School in the documentary entitled "Academic and Scientific Excellence in AUEB", compiled by the Ministry of Education, June 2015.
- Department Representative, University Senate, 2009-2010, March 2013 - August 2014
- Member of the Undergraduate Programme Committee, Department of Management Science and Technology, Athens University of Economics and Business, Septemeber 2010- August 2013
- Departmental Representative, the University Research Committee of the Research Center of the Athens University of Economics and Business, September 2011-March 2013

F2. HELLENIC OPERATIONAL RESEARCH SOCIETY

- Special Secretary of the Board of Directors, 2003-2005
- Member of the Board of Directors, 2001-2005