CURRICULUM VITAE

Name: Alexander

Surname: Diamantidis

Father's name: Charalambos

Citizenship GREEK

Date of Birth: 3/11/1975

Languages: Greek, English

Military Service: Fulfilled (08/11 / 04-08 / 11/05)

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STUDIES

1. Preparation of Doctoral Thesis University of the Aegean

Department of Product and Systems Design Engineering

2002-2006

Title: “Analysis and Standardization of Production Lines with linear and non-linear

linear flow of materials and products. ”

The Doctoral Thesis was graded with "EXCELLENT"

2. M.Sc. in Computer Applications (by research) Dublin City University

Dublin, Ireland

(1997-1999)

Title: "Approximate models of Job Shops"

Research Area:

• Scheduling Theory

• Optimization Problems

3. B.Sc. in Mathematics University of the Aegean

(Degree in Mathematics) Department of Mathematics

(1993-1997)

Degree Degree 8/10

Directions

• Theoretical Mathematics

• Applied mathematics

• Operational research

• Informatics

• Organization and Production Systems

Thesis

Title: “A Dynamic Programming algorithm for its problem

optimal distribution of storage space in homogeneous asymptotes

reliable production lines ”

SCHOLARSHIPS

• Mr. Alexandros Diamantidis received a scholarship (Program Award "AIEN EXCELLENT") from the Foundation of State Scholarships (IKY) for his distinction in the studies during the academic year 1996-1997, studying at the Department of Mathematics of the University.

• Mr. Diamantidis's studies in Ireland were supported by the Dublin City University (DCU) with a scholarship.

• The elaboration of the Doctoral Thesis of Mr. Diamantidis was supported by the program "HERAKLITOS: RESEARCH SCHOLARSHIPS WITH PRIORITY IN BASIC RESEARCH (Measure 2.2) of the Ministry of National Education and Religions.

TEACHING WORK

Teaching

ARISTOTLE UNIVERSITY OF THESSALONIKI (Department of Economics) 29/02/2010 until today. Instructor as a faculty member with the subject of teaching BUSINESS RESEARCH (4 hours per week).

ARISTOTLE UNIVERSITY OF THESSALONIKI (Department of Economics) 06/10/2009 until today. Instructor as a faculty member with the subject of teaching THEORY OF DECISION MAKING (4 hours per week).

ARISTOTLE UNIVERSITY OF THESSALONIKI (Department of Economics) 2016-2019 until today. Instructor as a faculty member with the object of teaching BUSINESS OPERATIONS ADMINISTRATION (4 hours per week).

ARISTOTLE UNIVERSITY OF THESSALONIKI (Department of Economics) POSTGRADUATE PROGRAM IN ADMINISTRATION AND ECONOMY

DIRECTION: SERVICE ADMINISTRATION, SPECIALIZATION: LOGISTICS ADMINISTRATION, SUPPLY AND VALUE CHAIN. 2010 to date. QUANTITATIVE METHODS IN LOGISTICS AND SUPPLY CHAIN ​​MANAGEMENT (3 hours per week)

# Recent (Conference Papers)

Michael Vidalis, Alexandros Diamantidis, Michael Geranios and Stelios Koukoumialos (2016), ''Performance evaluation of a merge supply network with multiple unreliable random suppliers and a distribution centre via matrix analytic methods'', *28th European Conference on Operational Research, Poznan, Poland July 3-6, 2016, pp. 282-283 (conference handbook).*

Despoina Ntio, Michael Vidalis, Stelios Koukoumialos and Alexandros Diamantidis (2016), ''Markovian Analysis of a multi-echelon tandem supply network under stochastic demand, lost sales and random replenishments: The Erlang case''. *International Symposium on Combinatorial Optimization,* Canterbury, UK, University of Kent, September 1-3 2016.

Alexandros Diamantidis, Chrissoleon Papadopoulos, Junho Lee and Jingshan Li (2017), The Decomposition Equations of Serial Flow Lines with Multiple Exponential Unreliable Non-identical Parallel-machine Workstations, *11th Conference on Stochastic Models of Manufacturing and Service Operations (SMMSO 2017), 4-9 June, Acaya Italy*.

Ntio, D., Vidalis M., Koukoumialos S. and Diamantidis A. (2017), Performance evaluation of a push merge system with multiple suppliers, an intermediate buffer and a distribution center with parallel channels: The Erlang case, *ODS 2017 organized by AIRO “international conference on optimization and decision science”, Sorrento, Italy, 4-7 September, 2017, pp 218.*

Ntio, D., Vidalis M., Koukoumialos S. and Diamantidis A. (2017), A matrix analytic method for the performance evaluation of a two echelon split inventory system with stochastic demand and Erlang replenishment times. *CIE47, International Conference on Computers & Industrial Engineering, Lisbon, Portugal 11-13 October 2017, pp 593-601.*

Michael Vidalis, George Varlas, Stelios Koukoumialos and Alexandros Diamantidis, (2019), Optimal vendor managed inventory for a three level supply chain with lost demand and Coxian-2 lead times. EURO 2019, 30th EUROPEAN CONFERENCE ON OPERATIONAL RESEARCH 23rd - 26th JUNE, DUBLIN IRELAND.

Stelios Koukoumialos, Michael Geranios, Michael Vidalis and Alexandros Diamantidis, (2019), Optimal inventory replenishment policies in continuous review multistage supply chains with lost demand and exponential lead times. EURO 2019, 30th EUROPEAN CONFERENCE ON OPERATIONAL RESEARCH 23rd - 26th JUNE, DUBLIN IRELAND.

# Recent (Journal Papers)

A.C. Diamantidis, S.I. Koukoumialos and M.I. Vidalis (2016), Performance evaluation of a push–pull merge system with multiple suppliers, an intermediate buffer and a distribution centre with parallel machines/channels, *International Journal of Production Research (IJPR),* 54(9) *,*pp 2628-2652.

A.C. Diamantidis, S.I. Koukoumialos and M.I. Vidalis (2017), Markovian analysis of a push-pull merge system with two suppliers, an intermediate buffer and two retailers, *International Journal of Operations Research and Information Systems*, 8(2), pp 1-35.

Leyla Demir, Alexandros C. Diamantidis, Deniz Türsel Eliiyi, Michael E. J. O'Kelly and Semra Tunali (2019), Optimal buffer allocation for serial production lines using heuristic search algorithms: A comparative study, *International Journal of Industrial and Systems Engineering*, 33(2), pp. 252-270.

Alexandros Diamantidis, Jun-Ho Lee, Chrissoleon Papadopoulos, Jingshan Li and Cathal Heavey, (2019), Performance Evaluation of Flow Lines with Non-identical and Unreliable Parallel Machines and Finite Buffers, *International Journal of Production Research (accepted in press)*

https://doi.org/10.1080/00207543.2019.1636322.

Michael Vidalis, Stelios Koukoumialos, Alexandros Diamantidis and George Blanas, (2019), Analysis of a two echelon supply chain with merging suppliers, a storage area and a distribution center with parallel channels, *Operational Research An International Journal (accepted in press)*. DOI**:**10.1007/s12351-019-00540-x.

**Technical Reports**

[1] A. C. Diamantidis, Micheal O’hEigeartaigh “ An algorithm for scheduling groups of jobs on a single machine” Working paper No 3599 August 1999, Dublin City University (DCU) Ireland.

[2] Demir, L., Diamantidis, A., Eliiyi, D.T., O’Kelly, M.E.J., Papadopoulos, C.T., Tsadiras, A.K., Tunali, S., “Three search algorithms and two decomposition algorithms for solving the buffer allocation problem in reliable and unreliable production lines”, Technical Report TR-2012.11.1, School of Economics, Dept. of Business Administration, Aristotle University of Thessaloniki, Greece, 2012.

**Journal Reviewer**

* IIE Transactions
* Computers and Industrial Engineering
* International Journal of Production Economics
* International Journal of Productions Research
* Applied Mathematical Modeling
* Annals of OR
* International Journal of Decision Support Systems (IJDSS)
* European Journal of Operations Research
* Flexible Services and Manufacturing Journal
* Operational Research: An international Journal