

Short Curriculum Vitae

Surname: Tassopoulos

First Name: Ioannis

Father's Name: Xenophon

Place of Birth: Patras

Date of Birth: 05/06/1962

Marital Status: Married, with one child.

Education:

- High School Diploma – 1980
- Bachelor's Degree in Mathematics, Aristotle University of Thessaloniki, with distinction – 1984
- Postgraduate seminar in Computer Science by the Greek Mathematical Society – 1992
- Master's degree in information systems, Hellenic Open University, with distinction – 2011
- Ph.D. from the Department of Business Administration in Agricultural Products and Foods, University of Patras, with distinction – 2016

Language Proficiency:

- Certified proficiency in English (First Certificate of Cambridge)
- Proficiency in French

Professional Experience:

- Mathematics Teacher in Secondary Education Private Institutes (1986 – 1998)
- Programmer for commercial applications at Olympic Data company (1987 – 1988)
- Substitute Mathematics Teacher in Secondary Education Schools (1998 – 2006)
- Permanent Mathematics Teacher in Secondary Education (2006 – 2019)
- Lecturer in the Department of Food Science and Technology at the University of Patras (2019 – present)

Academic Experience in Tertiary Education:

- Postdoctoral Researcher at the Department of Business Administration in Agricultural Products and Foods, University of Patras, from October 2016.
- Part-time work at the Department of Business Administration in Agricultural Products and Foods, University of Patras, based in Agrinio, from 2011 to 2016.

Participation in Conferences and Presentations:

- Attended the 14th Special Conference of the Greek Operational Research Society.

- Presented the work "A Comparative Study of Population-Based Algorithms on the School Timetabling Problem" at the 14th Special Conference of the Greek Operational Research Society.

Published Works and Publications:

1. Μετάφραση του βιβλίου «Access Hacks» με Ελληνικό τίτλο «Εξυπνες Τεχνικές της Access» από τις εκδόσεις Παπασωτηρίου.
2. Ioannis X. Tassopoulos, Grigorios N. Beligiannis, "Solving effectively the school timetabling problem using particle swarm optimization", *Expert Systems with Applications*, 39(5), pp.6029-6040, 2012 (published by Elsevier monthly, Impact Factor 2011: 2.203) (Λίστες: ISI, Scopus, Scholar Google).
3. Ioannis X. Tassopoulos, Grigorios N. Beligiannis, "Using particle swarm optimization to solve effectively the school timetabling problem", *Soft Computing*, 16(7), pp. 1229-1252, 2012 (published by Springer monthly, Impact Factor 2011: 1.880) (Λίστες: ISI, Scopus, Scholar Google).
4. Ioannis X. Tassopoulos, Grigorios N. Beligiannis, "A hybrid particle swarm optimization based algorithm for high school timetabling problems", *Applied Soft Computing*, 12(11), pp. 3472- 3489, 2012, (published by Elsevier monthly, Impact Factor 2011: 2.612). (Λίστες: ISI, Scopus, Scholar Google).
5. Solos, I.P.; Tassopoulos, I.X.; Beligiannis, G.N. A Generic Two-Phase Stochastic Variable Neighborhood Approach for Effectively Solving the Nurse Rostering Problem, *Algorithms* 2013, 6, 278-308. (Λίστες: ISI, Scopus, Scholar Google).
6. Solos, I.P.; Tassopoulos, I.X.; Beligiannis, G.N. "A two-phase adaptive variable neighborhood approach for nurse rostering", *Computers & Operations Research Journal*, 60, pp. 150-169, 2015 (published by Elsevier Science monthly, Impact Factor 2014: 1.718, doi:10.1016/j.cor.2015.02.009). (Λίστες: ISI, Scopus, DBLP, Scholar Google).
7. Katsaragakis I.V., Tassopoulos, I.X., Beligiannis, G.N., A Comparative Study of Modern Heuristics on the School Timetabling Problem. *Algorithms* 2015, 8, 723-742, <http://www.mdpi.com/1999-4893/8/3/723/pdf>.(Λίστες: Scopus, Scholar Google).
8. I. P. Solos, I. X. Tassopoulos and G. N. Beligiannis, An Effective Stochastic Variable Neighbourhood Approach to Shift Scheduling for Tank Trucks, *International Journal of Artificial Intelligence*, 2016. Impact Factor 2016: 1.84). (Λίστες: Scopus, Scholar Google).
9. Skoullis, V.I., Tassopoulos, I.X., Beligiannis, G.N., "Solving the high school timetabling problem using a hybrid cat swarm optimization based algorithm", *Applied*

- Soft Computing, 52, pp. 277-289, 2017. Factor 2017: 3.9 (Λίστες: Scopus, Scholar Google).
10. Ioannis X. Tassopoulos, Christina A. Iliopoulou and Grigorios N. Beligiannis, “Solving the Greek school timetabling problem by a Mixed Integer Programming model”, Journal of the Operational Research Society, 2019.(Impact Factor 2018: 1.754)
 11. Iliopoulou, C., Tassopoulos, I. Kepapoglou, K, Beligiannis, G. “Electric Transit Route Network Design Problem: Model and application”, Transportation Research Record, 2019, Volume: 2673 issue: 8, page(s): 264-274 (Impact Factor 2018: 0.748) (Λίστες: Scopus, Scholar Google).
 12. Iosif V. Katsaragakis, Ioannis X. Tassopoulos and Grigorios N. Beligiannis Solving the Urban Transit Routing Problem Using a Cat Swarm Optimization-Based Algorithm, Algorithms, Volume: 13, issue: 9 page 223 (2020) (Impact Factor 2.462)
 13. Ioannis Tassopoulos, Grigorios Beligiannis, A Variable Neighbourhood Search-Based Algorithm for the Transit Route Network Design Problem, Applied Sciences, 2022, 12(20), 10232; <https://doi.org/10.3390/app122010232> (Impact factor 2.7)
 14. Kourepinis Vasileios, Iliopoulou Christina, Tassopoulos Ioannis X., Aroniadi Chrisanthi, Beligiannis Grigorios N, An Improved Particle Swarm Optimization Algorithm for the Urban Transit Routing Problem, Electronics 2023, 12, 3358. <https://doi.org/10.3390/electronics12153358> (Impact Factor 2.9)

Honors and Awards:

- Certificate of outstanding contribution in Reviewing, Applied Soft Computing, 2017
- Certificate of Reviewing, Heliyon, 2017
- Certificate of outstanding contribution in Reviewing, Heliyon, 2018

Research Interests:

- Artificial Intelligence and Computational Intelligence
- Machine Learning and Neural Networks
- Genetic and Evolutionary Algorithms, Genetic Programming, Evolutionary Strategies for Information Systems Development and Design
- Design and Development of Intelligent Hybrid Algorithms for solving scheduling problems
- Machine Learning and Deep Learning, with an emphasis on image and video recognition

General Interests and Activities:

- Fishing
- Music
- Interactive video gaming