

SHORT CURRICULUM VITAE

Personal data

Name: Sotiria (Hera)
Surname: Antonopoulou
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Studies

BSc. Mathematics, University of Patras, PhD Department of Computer engineers and Informatics, thesis title: Analysis of algorithms and combinatorial problems using probabilistic techniques (1996)

Selected Scientific Publications in International Journals and Conferences with reviewers

1. I. Antonopoulou and S. Papastavridis, "A fast recursive algorithm to evaluate the reliability of a circular consecutive – k-out-of-n:f systems", IEEE Transactions on reliability, Vol. R-36 No 1, 1998.
2. S. Papastavridis, I. Antonopoulou, P. Sypsas, "Strict circular consecutive – k-out-of- n- systems", JIOS (Journal of Information and Optimization Sciences) No. 1.027, 1994.
3. P. Spirakis, V. Tampakas, and I. Antonopoulou, "Distributed protocols against mobile eavesdroppers", WDAG 95, France, 1995.
4. E. Georgopoulos, A. Adamopoulos, S. Likiothanassis, H. Antonopoulou, "Human magneto cardio gram modeling using evolutionary artificial neural networks", IEEE Neural Network Council, May 2000, TX USA.
5. H. Antonopoulou, N. Bogonikolos, K. Giotopoulos, S. Likiothanassis, A. Tsakalidis, and B. Vassiliadis, "A service oriented standardized system for virtual private networks", IEEE AICCSA 2001 ACS/IEEE International Conference on Coup. Systems, 26-29 June 2001, Beirut, Lebanon.
6. H. Antonopoulou, "A user authentication protocol based on the intractability of the 3-coloring problem", Journal of Discrete mathematical Sciences & Cryptography, May 4, 2001.
7. Yannis Stamatiou, Sotiria (Hera) Antonopoulou & Malvina Vamvakari "An asymptotic expansion for the q-bionomial series singularity analysis for generating functions", Journal of Discrete mathematical Sciences & Cryptography, 2004.
8. L. Skarlas, S. Likiothanassis, S. Mavroudi, G. Beligiannis, H. Antonopoulou "Evolutionary, Adaptive Techniques for Biosignal Modeling" 1st International

- Conference "FROM SCIENTIFIC COMPUTING TO COMPUTATIONAL ENGINEERING" Athens Greece 8-10 September 2004.
9. H Antonopoulou "On Threshold properties", Journal of Discrete mathematical Sciences & Cryptography, 2004, vol 7, No 2. pp. 249-254, August 2004.
 10. Kavalieratou E., Stamatatos S. Antonopoulou H. "Machine-printed from handwritten text discrimination", 9th International Workshop on Frontiers in handwriting recognition" IWFHR – 9 JAPAN, October 2004.
 11. E. Kavallieratou, H. Antonopoulou, "Cleaning and Enhancing Historical Document Images", in Advanced Concepts for Intelligent Vision Systems, Springer-Verlag 3708, pp. 681-688, 2005
 12. Voyiatzis I., Kavvadias D., Antonopoulou H., Sinitos S., "Reliability considerations in Mobile Devices", 3rd ACM International Mobile Multimedia Communications Conference, 2007(article no 51).
 13. I Voyiatzis I., Antonopoulou H., "Decoder-based Decompression for test sets containing don't cares", in IEEE Conference on Design and Technology of Integrated Systems in Deep Submicron Technology (DTIS 2007)
 14. Voyiatzis I., H. Antonopoulou, C. Efstathiou, "A Low-Cost Optimal Time SIC Pair Generator", 6th IEEE East-West Design and Test Symposium (EWDTS), 2008.
 15. Voyiatzis I., Antonopoulou H., Efstathiou C., «Output Response Compaction in RAS-based Schemes», IEEE International Conference on Design & Technology of Integrated Systems in Nanoscale Technology, 2009.
 16. I. Voyiatzis, Th. Haniotakis, C. Efstathiou, H. Antonopoulou, A Concurrent BIST architecture based on Monitoring Square Windows, IEEE Conference on Design & Technology in Nanoscale Era, 2010.
 17. H Antonopoulou, N Glinos, Y Stamatiou", An identity derived from the solution of a class of a differential equations for the evolution of a key agreement protocol" Journal of Discrete mathematical Sciences & Cryptography vol 14 ,n6, pp 515-520, Dec 2011.
 18. D. Kavvadias, S. Sinitos, I. Voyiatzis, H. Antonopoulou, C. Efstathiou, On Embedding Test Sets into Hardware Generated Sequences, Panhellenic Conference on Informatics, IEEE Proceedings, Tripolis, Greece, 2010.
 19. I. Voyiatzis, C. Efstathiou, H. Antonopoulou, G. Saousopoulos, K. Galanou, "Low-Overhead Two-dimensional test pattern generation", 6th IEEE Conference on Design and Technology of Integrated Systems in nanoscale era, DTIS 2011.
 20. I. Voyiatzis, C. Efstathiou, H. Antonopoulou, « A Novel SRAM-Cell based Input Vector MONitoring Concurrent BIST architecture», IEEE European Test Symposium, Trondheim, Norway, May 22-28, 2011.

21. I. Voyiatzis, H. Antonopoulou, C. Efstathiou, "A Low-Cost Optimal Time Sic Pair Generator", Radioelectronics & Informatics, № 4 (51), September – December 2010.pp 21-27,ISSN 1563-0064
22. I. Voyiatzis, Costas Efstathiou, Hera Antonopoulou, Athanasios Milidonis, "An Arithmetic Module-Based BIST Architecture For Two-Pattern Testing", Computers & Digital Techniques, IET (Volume:6 , Issue: 4) July 2012 Pages:195 - 204 ,ISSN :1751-8601
23. K Moutafi,P Vergeti,C Alexakos,K Dimitrakopoulos,H Antonopoulou,S Likothanasis, "Mining Student learning behavior and self-assessment for adaptive learning management system",EANN 2013,CCIS 384,pp 70-79,2013.© Springer-Verlag Berlin Heidelberg 2013
24. Ioannis Voyiatzis, Costas Efstathiou, H. Antonopoulou, A. Milidonis: An effective two-pattern test generator for Arithmetic BIST. Computers & Electrical Engineering 39(2): 398-409 (2013)

The aforementioned research publications deals with over a hundred (100) cross references

Educational Experience

- 1) Logic Programming, Department of Mathematics, University of Patras.
- 2) Algorithms and complexity Department of Mathematics, University of Patras.
- 3) Computational Theory Department of Mathematics, University of Patras.
- 4) Turing Machines, Department of Mathematics, University of Patras.
- 5) Expert systems and Artificial Intelligence, Department of Computer Engineering and Informatics, University of Patras.
- 6) Computer Programming and Languages, Department of Business Administration, Technological Educational Institute of Patras.
- 7) Computational Logic, Department of Computer Engineering and Informatics, University of Patras.
- 8) Introduction to Informatics, Hellenic Open University.

Work Experience

- 29/11/1994 – Today: Department of Business Administration, TEI of Patras, now serving as Associate Professor..
- 21/6/1996 – Today: Research and Academic Computer Technology Institute, Researcher.

1998 – Today: Department of Computer Engineering and Informatics, University of Patras, Visiting Professor.

2001 – Today: Hellenic Open University, Teaching Professor, in Informatics Course.

1/09/08– 30/8/2010: School of Business administration and Economics, TEI of Patras, Dean of the School

1/9/2010– 30/8/11: Department of Business Administration, TEI of Patras, Head of the Department

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1/09/11-09/09/12 Dean of the School of Business Administration, TEI of Patras

10/09/12-05/06/13 Vice Rector TEI of Patras

01/10/13-30/09/15 Vice Rector TEI W Greece

Participation in European research projects

- 1) TEXTILE:
- 2) B.I.P.
- 3) ALCOM
- 4) ALCOM IT
- 5) RPP, Risk Planning Process, EU Brite Euram, contact num, BRPM ct 98075.
- 6) EPEAEK, 2.2.2b, “Expansion of Higher Education – TEI of Patras 2003-2006”
- 7) EPEAEK, 2.2.2b, “Expansion of Higher Education – TEI of Patras 2007-2008”

Studies in other Scientific Fields

1. Advanced Practitioner Diploma in Clinical Hypnotherapy and Biorhythmic Psychotherapy (2012)

The diploma is certified at a professional level (practitioner level) from the General Hypnotherapy Standards Council (GHSC). The GHSC is subsidised by the British Health Ministry and is an official professional institution in this sector of psychotherapy in Britain. Biothymiki Psychotherapy constitutes the most modern development of Subconscious-mind Therapies or Affect - Emotion Therapies.

2. Diploma in Mental Health Counselling. European Certificate of Counsellor Accreditation from the European Association for Counselling (E.A.C.)

www.eac.eu.com/about-eac

I am registered in the Professional Register of Complementary and Natural Health Care Council (CNHC). The CNHC was set up with British government support as the regulating institution which ensures certification at the national level with stringent specifications for professionals in 14 specialties/professions of health, including Clinical Hypnotherapy. Furthermore, I am a member of the British Association for Counselling and Psychotherapy - BACP.