



PHILIPS UNIVERSITY

STELIOS KOTSIOS

Visiting Professor

Department of Computer Science

School of Education and Sciences



Institution:	PHILIPS UNIVERSITY
Surname:	KOTSIOS
Name:	STELIOS
Rank/Position:	Visiting Professor
School:	Education and Sciences
Department:	Computer Science
Scientific Domain: *	Applied Mathematics, Computer Science, Quantitate Methods, Dynamical Economy

**Field of Specialization*

Academic Personnel Short Profile / Short CV

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title
PhD - Diplom	1993	NKUA	Dep. Informatics	Nonlinear Discrete Feedback Systems. The Model-Matching Problem, BIBO stability and adaptive control
MSc	1986	NKUA	Dep. of Mathematics	Operational Research and Informatics
Bachelor	1983	NKUA	Dep. of Mathematics	

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
2020	Today	Philips University	Nicosia-Cyprus	Visiting Professor
1998	Today	NKUA	Athens-Greece	Professor
2002	Today	Open Greek University	Athens-Greece	Teaching Personnel
1994	1997	University College Dublin	Dublin-Ireland	Researcher

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

Ref. Number	Year	Title	Other authors	Journal and Publisher/ Conference	Vol.	Pages
1	2019	Necessary and Sufficient Conditions for Debt Sustainability. True or a Paradox?	Elias Camouzis	International Journal of Difference Equations ISSN 0973-6069, Volume 14, Number 2, pp. 91–113 (2019)	14	91-113
2	2018	“NONLINEAR INVARIANTS OF PLANAR POINT CLOUDS TRANSFORMED BY MATRICES”	Evangelos Melas	FACTA UNIVERSITATIS (NIS) Ser. Math. Inform. Vol. 33, No 5 (2018), 751–771,	33	751-771
3	2017	"FEEDBACK POLICY RULES FOR GOVERNMENT SPENDING: AN ALGORITHMIC APPROACH	Ilias Kostarakos	Economic Structures (2017) 6: 5.	6	5
4	2017	FISCAL POLICY IN GREECE IN THE AFTERMATH OF THE CRISIS: AN ALGORITHMIC APPROACH	Ilias Kostarakos	Computational Economics (2017). doi:10.1007/s10614-017-9650-3	doi:10.1007/s10614-017-9650-3	
5	2017	THE SYSTEMS COMPLEXITY PROBLEM FOR NONLINEAR POLYNOMIAL DISCRETE SYSTEMS WITH MANY DELAYS AND TWO COMPONENTS. AN ALGEBRAIC APPROACH.	Dionyssios Lappas	International Journal of Difference Equations ISSN 0973-6069, Volume 12, Number 1, pp. 55–106 (2017)	12	55-106
6	2016	Controlling National Income and Debt via Extra Taxation. A Model Matching Algorithmic Approach.	Kostarakos Ilias.	Vestnik of Saint Petersburg University. Series 10. Applied mathematics. Computer science. Control processes, 2016, issue 4, pp. 86–91.	4	86-91
7	2016	FEEDBACK BOUNDED STABILIZATION OF CERTAIN DISCRETE VOLTERRA SYSTEMS		International Journal of Control Volume 89, 2016 - Issue 6, 1214-1221.	89	1214-1221

8	2014	AN ALGORITHMIC METHOD FOR CHECKING GLOBAL ASYMPTOTIC STABILITY OF NONLINEAR POLYNOMIAL SYSTEMS WITH PARAMETERS		Applied Mathematics and Computation, Volume 240 , 1 August 2014, Pages 358–367.	240	358-367
9		ABOUT MODEL COMPLEXITY OF 2-D POLYNOMIAL DISCRETE SYSTEMS. AN ALGEBRAIC APPROACH	Dionyssios Lappas	Volume: Applications of Mathematics and Informatics in Sciences and Engineering, Springer Optimization and Its Applications, 2013.		
10		A SYMBOLIC COMPUTATIONAL ALGORITHM FOR DESIGNING FEEDBACK STABILIZERS OF POLYNOMIAL NONLINEAR SYSTEMS		<i>IMA J Math Control Info</i> (2011) 28(4): 463-474.	28	463-474

**Exhibitions (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10)**

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1					
2					

*Specify venue, geographic location etc

**Research Projects. List the five (5) more recent and other five (5) selected
(max total 10)**

Ref. Number	Date	Title	Funded by	Project Role*
1	2019	Internal Research Programme (Department of Economics)	NTUA	Principal Investigator
2	2014	Nonlinear Control Techniques and Dynamics of the National Debt – Part C Research Grant	NTUA	Principal Investigator
3	2013	Nonlinear Control Techniques and Dynamics of the National Debt – Part B Research Grant	NTUA	Principal Investigator
4	2012	Nonlinear Control Techniques and Dynamics of the National Debt – Part A Research Grant	NTUA	Principal Investigator
5	2009	Secondary School Students Mobilization-Consultant Grant	MINISTRY OF EDUCATION	Senior Fellow
6	2008	Secondary School Students Mobilization-Consultant Grant	MINISTRY OF EDUCATION	Senior Fellow
7	2005	Nonlinear Control Techniques in Economy – Research Grant	NTUA	Principal Investigator
8	2004	Nonlinear Control Techniques in Economy – Research Grant	NTUA	Principal Investigator

**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	1998-Today	Dep. of Economics/NTUA	Supervising of PHD - Thesis (3)	Supervisor
2	1998-Today	Dep. of Economics/NTUA	Advising PhD-Thesis, MSc-Thesis	Advisor-Supervisor
3	1983-Today		Reviewing in magazines and congresses	Reviewer
4	1987-89		Editorial Board Of the magazine MATHEMATICAL REVIEW of the GREEK MATHEMATICAL SOCIETY	member
5	2014-Today	Dep. of Economics/NTUA	Administration Committee of the PhD Programme, Dep. Of Economics/NTUA	Director
6	2018-Toadya	Dep. Of Economics/NTUA	Vice- Head of the Department	Administrating the Department of Economics/NTUA

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1			
2			

Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Key Activities:
1	2009	Communication Courses Coordinator, European University	Monitoring and confirming that course outlines correspond to course syllabi, reporting to the Head of Department on the quality of the program, identifying needs and making recommendations on course offerings, assisting and overseeing part-time instructors, recommending new books in the area to be purchased for the library, monitoring and confirming that grade rosters are correct, assisting the Head on relevant matters to the program.