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### **ACADEMIC QUALIFICATIONS**

- Ph. D. Diploma from University of Macedonia, dept. of Applied Informatics, Thessaloniki, Greece.  
Ph. D. thesis title: ‘Granger’s causality: Econometric tests and extension of the basic idea to linear possibilistic systems ’
- Diploma, Mathematics, Aristotle University of Thessaloniki, Greece.

### **RESEARCH INTERESTS**

- Fuzzy Regression
- Fuzzy Time Series
- Hybrid (Fuzzy – Stochastic) Models

### **TEACHING**

- Mathematics (Differential and Integral Calculus, Linear Algebra, Discrete Mathematics, Applied Mathematics for Economists)
- Probability Theory
- Statistics (Statistics for Business, Biostatistics)
- Econometrics
- Operational Research

## **PROFESSIONAL EXPERIENCE**

- 1999 – 2001 Collaborator – MLS Multimedia SA
- 1999 – 2010 Laboratory and Scientific Collaborator  
– Alexander Technological Institute of Thessaloniki,  
Greece
- 2005 – 2009 Visiting Professor – dept. of  
Technology Management & dept. of Applied  
Informatics,  
University of Macedonia, Greece.
- 2010 – Assistant Professor – Alexander  
Technological Institute of Thessaloniki, Greece

## **PUBLICATIONS**

- B. K. Papadopoulos and **M. A. Sirpi**, Similarities in Fuzzy Regression Models, Journal of Optimization Theory and Application, Vol. 102, No.2, pp. 373–383, August 1999.
- Basil K. Papadopoulos and **Marina A. Sirpi**, Fuzzy Classification via Fuzzy Regression, in Honorary Volume Dedicated to Professor Emeritus Ioannis D. Mittas, Aristotle University of Thessaloniki, Faculty of Engineering, Department of Mathematics, Computational and Physical Sciences, Division of Mathematics, pp. 407–419, Thessaloniki 1999.
- B. K. Papadopoulos and **M. A. Sirpi**, Similarities and Distances in Fuzzy Regression Modeling, Soft Computing – A Fusion of Foundations, Methodologies and Applications, Volume 8, Number 8, pp. 556 – 561, August 2004.
- P. Menztelou, F. Vosniakos, A.E. Kallidopoulou, **M. Sirpi**, Environmental Education and Information Technology, Journal of Environmental Protection and Ecology, Special Issue, p.p. 162 – 166, Oct. 2001.