

# Grigoris Spiliopoulos

Assistant Professor, Hellenic American University

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## Personal details

**Time and place of Birth** : July 11, 1958, Athens, Greece

**Nationality** : Greek

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## Work Experience

**Assistant Professor, Hellenic American University, Manchester, NH, USA**  
**Visiting Faculty, Hellenic American Educational Center, Athens, Greece**  
June 2013 - Present

**Academic Advisor, Business College of Athens, BCA**  
August 2009 - June 2013

Advising current and prospective students on academic issues and regulations.

**Professor of Mathematics and Quantitative Methods, Business College of Athens, BCA**  
September 1999 - June 2013

Teaching Mathematics, Statistics, Operations Research, Data Analysis and methods applying to Management, Marketing & Economics.

**Senior Lecturer of Mathematics, British Hellenic College**  
January 1994 - June 2009

Teaching Mathematics for Engineers, Actuarialists and Management students.

**Headmaster, Montessori School of Athens, "M. Goudeli"**

September 2001 - August 2004

Administration, Board of Directors Secretary and part time teaching of Mathematics & Physics teaching to 6th grade students.

**Lecturer of Mathematics, Interanglian College**

September 1997 - September 2000

Teaching Mathematics.

**Lecturer of Mathematics, Hillside College**

September 1996 - September 2000

Teaching Mathematics.

**Graduate teaching assistant, University of Athens**

September 1998 - February 1999

Teaching "Apeirostikos logismos" (Analysis of the Real Line) with professor Zachariadis.

**Tutor, Hellenic American Union**

January 1994 - June 1994

Tutoring the Analytics and Mathematics sections in the GRE and GMAT preparation courses of the Union.

**Graduate teaching assistant, University of Kansas**

June 1991 - December 1993

Teaching Calculus and Problem Solving at the Department of Mathematics.

**Mathematics Tutor, University Preparation Courses**

1986 - 1991

Cooperating with several private Institutions as a tutor of Mathematics.

**Consultant, Group Dynamique**

July 1988 - July 1990

Consulting companies about European programs and financing, with a focus on staff development and training.

Organizing seminars, events and symposia.

**Teacher, Ministry of Education, Lifelong Learning and Religious Affairs**

January 1987 - December 1987

Teaching Mathematics to High School graduates, preparing them for the entrance exams to the University.

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## Education

### University of Athens

PhD Candidate, Didactics, 2009 - (expected)

### University of Kansas

MSc in Set Theoretic Topology, 1991 - 1994

### University of Athens

BSc in Mathematics, 1976 - 1981

### 10th High School of Athens

1970 - 1976

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## Independent Courses

- "History of Science and Technology", National Research Center, March 4, 2010 to May 20, 2010.
  - "Data Analysis", Coursera - Johns Hopkins Bloomberg School, January 22, 2013 to March 22, 2013.
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## Honors and Awards

### Landis - Mitchell Fellowship

Kansas University

July 1992

Awarded to a Mathematics graduate student for excellence in Mathematics.

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## Publications

### "A note on continuous linear mappings between function spaces"

*Polish Academy of Science Journal "Fundamenta Mathematicae"*, 139, pp. 209-213, 1991.

Author: Grigoris Spiliopoulos

Let  $\theta$  be a linear continuous function between the function spaces  $C_p(X)$  and  $C_p(Y)$ . If  $\theta$  is an order preserving homeomorphism, then the Tikhonov spaces  $X$  and  $Y$  are homeomorphic. This generalizes the well-known theorem of Nagata that if  $C_p(X)$  and  $C_p(Y)$  are topologically isomorphic then  $X$  and  $Y$  are homeomorphic. If  $\theta$  is 1-1 and  $Y$  has caliber  $(\kappa, \lambda)$  (resp. is pseudocompact), then so does  $X$ , proving this way that if  $L_p(X)$  has caliber  $(\kappa, \lambda)$  then so does  $X$ . Related results for  $L$ -embedded spaces are obtained.

### **Compact sets in $C_p(X)$ with the point convergence topology and calibers**

*Canadian Mathematical Bulletin*, 35(4), pp. 497 – 502, 1992.

Authors: Grigoris Spiliopoulos, Nikos Kalamidas

This presentation concerns the relations of chain conditions on a space  $X$ , with the weights of compact sets in  $C_p(X)$ , generalizing up to the class of  $d\sigma$ -bounded spaces. In the last case, stronger results are obtained for Corson compact subsets of  $C_p(X)$ .

### **Duality in $C_p(X)$ and new proofs to Asanov's and Pytkeev's theorems**

Technical Report (Kansas University), 1993.

Author: Grigoris Spiliopoulos

Arkhangel'skii asked whether a natural topological property of  $C_p(X)$  is necessary and sufficient for a space  $X$  to be Lindelöf. Trying to answer that, the notion of subbasic (related to subbasic open sets) tightness in  $C_p(X)$  is introduced and studied in relation to the Lindelöf degree  $l$  of  $X$ . As a consequence, new proofs to the relative Asanov's and Pytkeev's theorems are obtained.

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## **Seminars**

I have participated in numerous seminars and conferences. The most significant among them are:

- $C_p$ -Theory Seminar, University of Athens (1987-1990)
- Banach Spaces Seminar, University of Athens (1988-1990)
- Set Theoretic Topology and Model Theory, Joint Seminar of Kansas University and Kansas State University (1991-1993)
- A Short Conference in Topology, Kansas State University, Manhattan Kansas, (January 1992)
- Conference of American Mathematical Society, Baltimore (February - March 1993)
- Critical approaches to Sciences and Education (4th workshop, Elati, 18-22 July, 2007)
- Science Philosophy and Didactics (4th conference, Athens, 28-30 September, 2007)
- Educational aspects of the History of Scientific instruments (International Union of History and Philosophy of Science, Museum of History, University of Athens, 28-29 November 2008)
- Critical approaches to Sciences and Education (5th workshop, Elati, 14-20 July, 2009)

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## **Memberships**

**Hellenic Society of History, Philosophy and Didactics of Sciences**  
2010 to Present

Founding member. The Society publishes the research journal "*Kritiki*" in the area of Critical Education and Science.

**Society for the study of Greek Civilization**

2009 to Present

Founding member. The Society publishes the journal "*Νέος Λόγιος Ερμής*"

**Greek Mathematical Society**

June 1986 to Present

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**Languages**

<b>Greek</b>	(Native proficiency)
<b>English</b>	(Bilingual proficiency)
<b>French</b>	(Limited working proficiency)

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**Information Technology Skills**

**Microsoft Office, SPSS, R-language for Statistics**

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