Curriculum Vitae

Antonis Manoussakis

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Personal data

Date of Birth: 26 December 1969
Place of Birth: Chania,Crete
Citizenship: Greek
Military service: 1998-1999
Marital Status: Married with one children.

Research Interests

Functional analysis, Geometry of Banach spaces.

Education

1992: BSc in Mathematics, University of Athens, Greece.

1994: MSc in Mathematics, University of Athens, Greece.

1998: PhD in Mathematics, University of Athens, Greece.

PhD Thesis: Mixed Tsirelson spaces: Study of the Geometry of $p-$spaces and modified asymptotic ℓ_1- Banach spaces.
Thesis advisor: Professor S.A. Argyros

Professional appointments

2000-2004. Visiting instructor in Department of Sciences, Technical University of Crete.
2004-2010. Assistant Professor, Department of Mathematics, University of Aegean.
2010- , Assistant Professor, School of Environmental Engineering, Technical University of Crete.

Publications

- Quasi-minimality and tightness by range in spaces with unconditional basis, to appear in Israel journal of Mathematics (with S.A. Argyros and A. Pelczar)
- Strictly singular non-compact operators on a class of HI spaces, Bull. London Math. Soc. 46(3), 463-482 (2013) (with A. Pelczar)
- Isomorphisms and strictly singular operators in mixed Tsirelson spaces. J. Math. Anal. Appl. 388 (2012), no. 2, 1040-1060, (with D. Kutzarova and A. Pelczar)
- On the hereditary proximity to ℓ_1 Journal of Functional Analysis, 261 (5), 1145-1203, (2011). (with S.A Argyros, A. Pelczar)
- Quasiminimality in mixed Tsirelson spaces, Mathematische Nachrichten, 284 (2011), no. 14-15, 1924-1947, with A. Pelczar.
- A complete classification of Tsirelson type spaces ", Canadian Journal of Math.60 (2008), 1108-1148, with J. Lopez-Abad.
- Minimality properties of Tsirelson type spaces. Studia Math. 187 (3) 233-263, (2008), with D.Kutzarova, D. Leung,W. K. Tang.
- Asymptotic ℓ_p Hereditarily Indecomposable Banach spaces", Illinois Journal of Mathematics 51(3),767-803 2007, with I. Deliyanni
- A sequentially unconditional Banach space with few operators, Proc. London Math. Soc. (3) 91 (2005), no. 3, 789--818, with S.A. Argyros.
- A note on certain equivalent norms on Tsirelson' s space, Glasgow. Math. J. 46 (2004), no. 2, 379--390
- Distortion and Spreading Models in Modified Mixed Tsirelson Spaces", Studia Mathematica 157(3),199-236, 2003, (with S.A. Argyros, I. Deliyanni),
- An Indecomposable and unconditionally saturated Banach space", Studia Mathematica 159 (1),1-32, 2003, with S. A. Argyros. (Special Volume in honor of Professor A. Pelczynski)
- Function Spaces not containing ℓ_1", Israel Journal of Mathematics, 135(2003), 29-82, (with S.A. Argyros, I. Deliyanni, M. Petrakis),
- Some Remarks On Spreading Models and Mixed Tsirelson spaces", Proceedings of the American Mathematical Society, 131(8)(2003), 2515-2525.
- On the structure of certain class of Mixed Tsirelson spaces", Positivity 5 No.3, 193-238, 2001.
- Modified Mixed Tsirelson spaces , Journal of Functional Analysis 159,43-109 (1998) with S.A. Argyros, I. Deliyanni,D. Kutzarova.)

Preprints
Types of tightness in spaces with unconditional basis, with A. Pelczar

Referee for Professional Journals: Bulletin of London Mathematical Society, Studia Mathematica., Journal of Mathematical Analysis and Applications, International journal of Mathematics and Mathematical Sciences.

Reviewer in American Mathematical Society

Teaching

Functional Analysis, Real Analysis, Complex analysis, Theory of Probabilities Analytic Geometry, Calculus of one and several variables, (Department of Mathematics, University of Aegean)

Technical University of Crete.
Differential and Integral calculus of one and several variables. Differential Equations,
2011-2012 Partial Differential Equations (graduate),
2012-13, Theory of Operators (graduate),

Conferences and Workshops
Greek Conference in Analysis, Chania 2002, Technical University of Athens 2004

Two Days in Analysis,Department of Mathematics University of Crete, 2003, 2001,2000

Seminar of Analysis, Department of Mathematics University of Crete, 2000,2009

Advance Course on Ramsey Methods in Analysis, Bellatera C.R.M, Spain 2005.

Set Theory Seminar of Equipe De Logique Mathematique, Univeriste Paris 7, 2005

Banach space Theory: Classical topics and new directions, University of Extramadura, Spain. 2006.

5 Days workshop in Banach space theory, Banff International Research Station, Canada 2012.

Geometry of Banach spaces, Centre International de Rencontres Mathématiues, Luminy, Marseille 2012.