Curriculum Vitae

Pandelis Dodos

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CONTACT INFORMATION

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PERSONAL DATA

Date of birth : 17 January 1974
Citizenship : Greek
Military service : May 2002 – October 2003
Marital status : Married + 2
Languages : Greek, English, French

EDUCATION/DIPLOMAS

2009: Habilitation à Diriger des Recherches (HDR), Université Pierre et Marie Curie – Paris 6, Equipe d’Analyse Fonctionnelle.

2000–2003: PhD in Mathematics, National Technical University of Athens, Department of Mathematics.

1997–2000: MSc in Applied Mathematics, National Technical University of Athens, Department of Mathematics.

EMPLOYMENT

2010–present: Assistant Professor, University of Athens, Department of Mathematics.

2008–2009: Visiting Assistant Professor, Texas A&M University, Department of Mathematics.


2006–2007: Visiting Assistant Professor, Athens University of Economics and Business, Department of Statistics.


RESEARCH INTERESTS

Analysis & combinatorics
Ramsey theory
Geometry of Banach spaces
Descriptive set theory

PROFESSIONAL SERVICES

MR reviewer.
Conference organization:

08/2012: Geometry of Banach spaces, CIRM, Luminy, France.

RESEARCH GRANTS

NSF grant DMS-0903558 “Set Theory and the geometry of Banach spaces”.

TEACHING EXPERIENCE

Functional Analysis (graduate course), Measure Theory (graduate course), Calculus in Banach spaces, Differential Equations, Calculus I, II & III.
Short Visits

01/2013: University of Warwick, UK.
04/2009: Caltech, USA.
03/2009: Equipe d’Analyse Fonctionnelle, Paris 6, France.
04/2008: University of Texas at Austin, USA.
04/2008: Texas A&M, USA.
03/2008: University of North Texas, USA.
03/2008: University of Toronto, Canada.
10/2006: University of Illinois at Urbana-Champaign, USA.
10/2006: Caltech, USA.
01/2006: Equipe d’Analyse Fonctionnelle, Paris 6, France.
04/2005: University of Illinois at Urbana-Champaign, USA.
04/2005: Caltech, USA.

Talks

08/2014: Brazilian Workshop in Geometry of Banach Spaces, Maresias (São Paulo), Brazil (tutorial).
07/2014: 38 Summer Symposium in Real Analysis, Prague, Czech Rep. (invited).
06/2014: Interpolation and Banach Space Constructions, CIEM, Castro Urdiales, Spain (tutorial).
10/2013: Workshop on Descriptive Set Theory, ESI, Vienna, Austria (invited).
01/2013: Analysis Seminar, University of Warwick (invited).
07/2012: Continuous Logic and Functional Analysis, Lyon, France (tutorial).
06/2012: Banach Spaces Workshop, Birmingham, UK (invited).
05/2011: Ramsey Theory in Logic, Combinatorics and Complexity, Bertinoro, Italy (invited).
11/2010: Meeting in Analysis for Young Researchers, Athens, Greece (invited).
10/2010: Workshop on Concentration Phenomenon, Transformation Groups and Ramsey Theory, Fields Institute, Toronto, Canada (invited).
02/2010: Analysis Seminar, University of Crete (invited).
06/2009: ESI conference on Descriptive Set Theory, Vienna, Austria (tutorial).
02/2009: Linear Analysis Seminar, Texas A&M (invited).
01/2009: Analysis Seminar, University of Athens (invited).
07/2008: Logic Colloquium 2008, Bern, Switzerland (invited).
04/2008: Banach Space Seminar, Univ. of Texas at Austin (two invited talks).
03/2008: Millican Colloquium Series, University of North Texas (invited).
03/2008: Set Theory Seminar, Fields Institute, Toronto (invited).
02/2008: Model Theory Seminar, University of Lyon (invited).
01/2007: 35 Winter School in Abstract Analysis, Czech Republic (tutorial).
10/2006: Logic Seminar, University of Illinois at Urbana-Champaign (invited).
05/2006: Analysis Seminar, University of Athens (invited).
09/2005: Third Young Researchers Meeting in Analysis, Samos, Greece.
04/2005: Set Theory Seminar, University of Illinois at Urbana-Champaign.
10/2004: 10th Panhellenic Conference on Mathematical Analysis, NTUA.
Publications

Monographs

*Ramsey Theory for Product Spaces*
with V. Kanellopoulos

*Banach Spaces and Descriptive Set Theory: Selected Topics*

Surveys

*Some recent results in Ramsey theory*

*Banach spaces and Ramsey theory: some open problems*
with J. Lopez-Abad and S. Todorcevic

Papers & Preprints

*L_p regular sparse hypergraphs*
with V. Kanellopoulos and Th. Karageorgos
preprint.

*L_p regular sparse hypergraphs: box norms*
with V. Kanellopoulos and Th. Karageorgos
preprint.

*Szemerédi’s regularity lemma via martingales*
with V. Kanellopoulos and Th. Karageorgos

*A concentration inequality for product spaces*
with V. Kanellopoulos and K. Tyros

*A density version of the Carlson–Simpson theorem*
with V. Kanellopoulos and K. Tyros

*A simple proof of the density Hales–Jewett theorem*
with V. Kanellopoulos and K. Tyros

*Measurable events indexed by words*
with V. Kanellopoulos and K. Tyros
Measurable events indexed by products of trees
with V. Kanellopoulos and K. Tyros

A density version of the Halpern–Läuchli theorem
with V. Kanellopoulos and N. Karagiannis
Advances in Mathematics 244 (2013), 955–978.

Dense subsets of products of finite trees
with V. Kanellopoulos and K. Tyros

Measurable events indexed by trees
with V. Kanellopoulos and K. Tyros

Partition ideals below $\aleph_\omega$
with J. Lopez-Abad and S. Todorcevic

Operators whose dual has non-separable range

Unconditional basic sequences in spaces of large density
with J. Lopez-Abad and S. Todorcevic

On strictly singular operators between separable Banach spaces
with K. Beanland

Quotients of Banach spaces and surjectively universal spaces

On antichains of spreading models of Banach spaces
Canadian Mathematical Bulletin 53 (2010), 64–76.

Definability under duality

On classes of Banach spaces admitting “small” universal spaces

The Steinhaus property and Haar-null sets

Classes of strictly singular operators and their products
with G. Androulakis, G. Sirotkin and V. G. Troitsky
On pairs of definable orthogonal families
with V. Kanellopoulos

On unconditionally saturated Banach spaces
with J. Lopez-Abad

On filling families of finite subsets of the Cantor set
with V. Kanellopoulos

Unconditional families in Banach spaces
with S. A. Argyros and V. Kanellopoulos

A strong boundedness result for separable Rosenthal compacta
Fundamenta Mathematicae 198 (2008), 177–189.

A classification of separable Rosenthal compacta and its applications
with S. A. Argyros and V. Kanellopoulos
Dissertationes Mathematicae 449 (2008), 1–52.

Some strongly bounded classes of Banach spaces
with V. Ferenczi

Genericity and amalgamation of classes of Banach spaces
with S. A. Argyros
Advances in Mathematics 209 (2007), 666–748.

Codings of separable compact subsets of the first Baire class

Tree structures associated to a family of functions
with S. A. Argyros and V. Kanellopoulos

Dichotomies of the set of test measures of a Haar-null set

On certain regularity properties of Haar-null sets

Generalized gradients of monotone type
Nonlinear Analysis 56 (2004), 201–212.

Stable families of analytic sets
Colloquium Mathematicum 98 (2003), 277–281.
Ranks for Baire multifunctions
Colloquium Mathematicum 95 (2003), 63–77.

On continuity and selections of multifunctions