Curriculum Vitae

Name: Wiesław Kubiś
Current Position: Researcher, Institute of Mathematics, Czech Academy of Sciences, Žitná 25, 115 67 Prague, Czech Republic
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Research interests

Mathematical logic, category theory, set theory, foundations of functional analysis

Academic degrees

2018 **Full Professor title**, Institute of Mathematics, Polish Academy of Sciences.
2007 **Habilitation in mathematics**, University of Warsaw, Poland
2000 **PhD in mathematics**, with distinction, University of Silesia, Katowice, Poland

Professional experience

2016 – present **Head of the Abstract Analysis Department**, Institute of Mathematics, Czech Academy of Sciences, Prague
2008 – present **Researcher**, Institute of Mathematics, Czech Academy of Sciences, Prague, Czech Republic
2015 – present **Associate Professor**, teaching at the Institute of Mathematics, Cardinal Stefan Wyszyński University, Warsaw, Poland
2008 – 2016 **Associate Professor**, teaching at the Institute of Mathematics, Jan Kochanowski University in Kielce, Poland
2005 – 2007 **Assistant Professor**, Institute of Mathematics, Swiętokrzyska Academy in Kielce, Poland
2000 – 2005 **Assistant Professor**, Institute of Mathematics, University of Silesia, Katowice, Poland
1995 – 2000 **Academic Teacher**, Institute of Mathematics, University of Silesia, Katowice, Poland

Postdoctoral / Invited research positions

Sept. – Dec. 2013 The Hausdorff Research Institute for Mathematics, Bonn, Germany.
Invited **expert**. Trimester Program *Universality and Homogeneity*.
Oct. 2012 The Fields Institute for Research in Mathematical Sciences, Toronto, Canada.
Attending the thematic program on Forcing and its Applications.
Apr. – Oct. 2010 Universitat de Valencia, Department of Mathematical Analysis, Valencia, Spain.
Visiting professor position.
Jan. – Mar. 2007 University of Toronto,The Fields Institute for Research in Mathematical Sciences, Toronto, Canada. **Visiting professor** position.
Jun. 2006 Université de Savoie, Department of Mathematics, Chambery, France.
Visiting professor position.
Mar. – Sept. 2004 Université Paris 7, L'Equipe de Logique Mathématique, Paris, France.
NATO Science Postdoctoral Fellow. Hosted by Stevo Todorcevic.
Sept. 2003 – March 2004 York University, Atkinson Faculty, Toronto, Canada.
Postdoctoral fellow hosted by Juris Steprans and Paul Szeptycki.
Jan. – Jun. 2003 University of Prince Edward Island, Department of Mathematics, Charlottetown, Canada.
Postdoctoral fellow hosted by Maxim Burke.
Sept. – Dec. 2002 The Fields Institute for Research in Mathematical Sciences, Toronto, Canada.
Postdoctoral fellow. Thematic Program in Set Theory and Analysis.
Sept. 2000 – Aug. 2002 Ben-Gurion University of the Negev, Department of Mathematics, Beer-Sheva, Israel.
Postdoctoral fellow hosted by Matatyahu Rubin and Menachem Kojman.

Institutional responsibilities / Professional appointments

since 2017 Member of the Board of the Institute of Mathematics, Czech Academy of Sciences

since 2016 Head of the Department of Topology and Functional Analysis, Institute of Mathematics, Czech Academy of Sciences

since 2016 Member of Doctoral Studies Board (section Geometry and Topology, Global Analysis, Mathematical Structures), Charles University, Czech Republic

since 2016 Member of the Editorial Board of the scientific journal *Archivum Mathematicum*, published by Masaryk University in Brno, Czech Republic

since 2015 Chair of the seminar *Set Theory and Analysis* at the Institute of Mathematics, Czech Academy of Sciences

since 2013 Member of the Advisory Board of *Topological Algebra and Applications*. A new international peer-reviewed journal devoted to algebraic topological structures and their applications to other areas of mathematics, physics, economy, and computer science

2008 – 2016 Polish Mathematical Society. Chair of the Kielce Section

2011 – 2015 Scientific supervision of the research seminar at the Department of Mathematics, Jan Kochanowski University in Kielce, Poland. Organizers: J. Garbulińska-Węgrzyn, M. Nowak

Appointed referee of PhD theses:

2018 Jacopo Somaglia, *Rich families of projections and retractions*, Charles University, Prague, Czech Republic / University of Milan, Italy.

2016 Damian Sobota, *Cardinal invariants of the continuum and convergence of measures on compact spaces*, Institute of Mathematics, Polish Academy of Sciences, Warsaw, Poland.

2015 Emilia Szymonik, *Zbiory generowane przez sumy podszeregów*, Technical University of Łódź, Poland.

2015 Adam Majchrzycki, *Otwartość odwzorowań dwuliniowych i pewne własności funkcji całkowalnych*, Technical University of Łódź, Poland.

2014 Wojciech Bielas, *Łańcuchy w przestrzeniach topologicznych i kratach*, University of Silesia, Katowice, Poland.

2014 Marek Cúth, *Separable reduction theorems, systems of projections and retractions*, Charles University, Prague, Czech Republic.

2013 Michal Doucha, *Forcing, descriptive set theory, analysis*, Charles University, Prague, Czech Republic.

2010 Piotr Kalemba, *Typy ideałów a różnorodne warunki forcingowe*, University of Silesia, Katowice, Poland.

Commissions of trust

2015 Member of the Habilitation Committee, Institute of Mathematics, Polish Academy of Sciences, Warsaw, Poland. Applicant: Maciej Malicki.

2014 Member of the PhD Committee, University of Murcia, Spain. Student: David Guerrero Sánchez.

2009 Member of the Habilitation Committee, Charles University, Prague, Czech Republic. Applicant: Jindřich Zapletal.

Training young researchers

PhD students

started 2017 Ziemowit Kostana, University of Warsaw, Poland.

2015 – 2018 Claudia Viscardi, University of Milan, Italy.

2012 – 2018 Marta Walczyńska, University of Silesia in Katowice, Poland.

2010 – 2014 Joanna Garbulińska-Węgrzyn, Jagiellonian University in Kraków, Poland.

2010 – 2014 Magdalena Nowak, Jagiellonian University in Kraków, Poland.
PhD completed with distinction.

Postdoctoral Fellows hosted in the Institue of Mathematics of the Czech Academy of Sciences:

2017– present Saeed Ghasemi, PhD 2015 at York University, Toronto, Canada

2017– 2018 Michal Doucha, PhD 2013 at Charles University, Prague

2016 – 2017 Wojciech Bielas, PhD 2014 at the University of Silesia, Katowice, Poland

2014 – 2015 Martin Dolezal, PhD 2013 at Charles University, Prague

Teaching

Undergraduate courses

2015–2018	Cardinal Stefan Wyszyński University, Warsaw, Poland Calculus on Manifolds, Ordinary Differential Equations, Selected Topics in Modern Mathematics (Introduction to Category Theory), Functional Analysis
2005–2015	Jan Kochanowski University, Kielce, Poland Topology, Topology II, Data Structures and Algorithms, Information Technologies, Methods of Stochastic Simulations
2002–2003	York University, Toronto, Canada Linear Algebra I, Linear Algebra II, Logic for Computer Science
1996–2000, 2004	University of Silesia, Katowice, Poland Complex Analysis, Calculus

Advanced courses

2014	Adam Mickiewicz University, Poznań, Poland Introduction to the theory of forcing
2013–2014	Charles University, Prague, Czech Republic Infinitary combinatorics with applications in analysis
2012	University of Silesia, Katowice, Poland Universal homogeneous structures

Grants

2017 – 2019	17-27844S: *Generic objects*. Czech Science Foundation (GAČR). Role: leader.
2016 – 2018	16-34860L / I2374-N35: *Logic and Topology in Banach spaces*. Czech Science Foundation (GAČR) and Fonds zur Frderung der wissenschaftlichen Forschung (FWF). Lead Agency project. Role: Czech team leader.
2015 – 2016	DAAD-15-13: *Universal profinite graphs*. Ministry of Science (Czech Republic) and DAAD (Germany). Role: Czech team leader.
2012 – 2015)	DEC-2011/03/B/ST1/00419: *Category-theoretic framework for the Fraïssé-Jónsson construction*. National Science Center, Poland. Role: leader.
2014 - 2016	P201-14-07880S: *Methods of function theory and Banach algebras in operator theory V*. Czech Science Foundation (GAČR). Role: participant.
2012 - 2016	P201/12/0290: *Topological and geometrical properties of Banach spaces and operator algebras*. Czech Science Foundation (GAČR). Role: participant.
2010 – 2012	MTM2010-20190: *Structures and complexity in Banach spaces*. Ministry of Science and Innovation, Spain. Role: participant.
2009 – 2014	INFTY: *New Frontiers of Infinity: Mathematical, Philosophical and Computational Prospects*. ESF Research Networking Program. Role: participant.
2009 – 2011	IAA 100 190 901: *Topological and geometric structures in Banach spaces*. Grant Agency of the Czech Academy of Sciences. Role: participant.
2007 – 2008	N201 024 32/0904: *Projections in Banach spaces of continuous functions*. Ministry of Science and Higher Education, Poland. Role: leader.
2004	*Spaces of continuous functions on compact spaces*. NATO Science Fellowship. Role: leader.
2001	5P03A04420: *Topological properties of hyperspaces*. Committee for Scientific Research, Poland. Role: leader.

Awards

2011	Lecture at the scientific session of *La Real Academia de Ciencas Exactas, Físicas y Naturales*, Madrid, Spain
2011	Prize for the best article in journals published by the Institute of Mathematics, Czech Academy of Sciences
2007	Prize of the President of Jan Kochanowski University in Kielce, Poland, for excellence in research
2000	Prize of the President of the University of Silesia in Katowice, Poland, for outstanding doctoral dissertation

Involvement in committees of international conferences

2018 ALaNT 5 Joint Conferences on Algebra, Logic and Number Theory, 24 – 29 June 2018, Będlewo, Poland. Member of the Programme Committee.

2017 Category Theory in Physics, Mathematics, and Philosophy, 16 –17 November 2017, Warsaw, Poland. Member of the Programme Committee.

Set Theoretic Methods in Topology and Analysis, 3 – 9 September 2017, Będlewo, Poland. Member of the Programme Committee.

6th European Set Theory Conference, 3 – 7 July 2017, Budapest, Hungary. Member of the Programme Committee.

2016 Interactions between Algebra and Functional Analysis, 28 September – 2 October, 2016, Prague, Czech Republic. Chair of the Organizing Committee.

2014 Interactions between Algebra and Functional Analysis, 17 – 21 December 2014, Prague, Czech Republic. Chair of the Organizing Committee.

Joint Meeting of the German Mathematical Society and the Polish Mathematical Society, 17–20 September 2014, Poznań, Poland. Member of the Organizing Committee, session *Topology in Functional Analysis*.

29th Summer Conference on Topology and its Applications, 23 – 26 July 2014, New York, USA. Member of the Organizing Committee, session *Topology in Functional Analysis*.

2013 Workshop on Fractal Structures, Ultrametrics and Ordered Fields, 17 – 20 April 2013, Cieszyn, Poland. Member of the Organizing Committee.

2010 25th Summer Conference on Topology and its Applications, 25 – 30 July, Kielce, Poland. Chair of the Organizing Committee.

2008 Set Theory, Topology and Banach Spaces, 7 – 11 July 2008, Kielce, Poland. Member of the Programme Committee.

2006 International Conference on Set-theoretic Topology, 20 – 25 August 2006, Kielce, Poland. Vice-chair of the Organizing Committee.

Plenary/invited lectures

1. (2019) Series of invited lectures, *Winter School in Abstract Analysis, Section of Set Theory & Topology*, 26 January – 2 February, Hejnice, Czech Republic
2. (2018) Invited lecture, *Unifying Themes in Ramsey Theory*, 18 – 23 November, Banff International Research Station, Canada
3. (2018) Plenary lecture, *Summer Conference on Topology and its Applications*, 17 – 20 July, Western Kentucky University, Bowling Green, KY, USA.
4. (2018) Invited lecture, *Workshop on Topological Methods in Analysis and Algebra*, 14 – 15 June, Burriana, Spain.
5. (2018) Invited lecture, *Ideals and exceptional sets in Polish spaces*, 4 – 8 June, Bernoulli Center, Lausanne, Switzerland.
6. (2018) Series of invited lectures, *46th Winter School in Abstract Analysis*, 13 – 20 January, Svratka, Czech Republic.
7. (2016) Plenary lecture, *Twelfth Symposium on General Topology (TOPOSYM)*, 25 – 29 July, Prague.
8. (2016) Invited lecture, *Prague Gathering of Logicians*, 12 – 13 February, Prague.
9. (2015) Invited lecture, *Homogeneous Structures*, 8 – 13 November, Banff International Research Station, Alberta, Canada.
10. (2015) Invited lecture in section *Logic and Theoretical Computer Science*, annual meeting of the Deutschen Mathematiker-Vereinigung (DMV), 21 – 25 September, Hamburg, Germany.
11. (2015) Plenary lecture, *XXIX International Summer Conference on Real Functions Theory*, 6 – 11 September, Niedzica, Poland.
12. (2015) Plenary lecture, *AAA90 — Arbeitstagung Allgemeine Algebra*, 5 – 7 June, Novi Sad, Serbia.
13. (2014) Plenary lecture, *ALaNT 3—Joint Conferences on Algebra, Logic and Number Theory*, 8 – 13 June, Będlewo, Poland.
14. (2014) Invited lecture, *14th Colloquiumfest*, 28 February – 1 March, Saskatoon, Canada,

15. (2013) Invited lecture, *4th European Set Theory Conference*, 15 – 18 July, Mon St Benet, near Barcelona, Spain.
16. (2013) Plenary lecture, *Interactions between Logic, Topological structures and Banach spaces theory*, 19 – 24 May, Eilat, Israel.
17. (2013) Series of invited lectures, *Applications of Logic in Philosophy and Foundations of Mathematics*, 6 – 10 May, Szklarska Poręba, Poland. Annual international conference gathering researchers in logic and its applications to philosophy.
18. (2012) Invited lecture, *Workshop on Forcing Axioms and their Applications*, 22 – 26 October, Toronto, Canada. International workshop organized at the Fields Institute as part of the Thematic Program on Forcing and its Applications (July – December 2012).
19. (2012) Invited lecture, *Continuous Logic and Functional Analysis*, 16 – 20 July, Lyon, France. International workshop devoted to special problems in functional analysis and related areas.
20. (2012) Plenary lecture, *Trends in Set Theory*, 8 – 11 July, Warsaw, Poland. International conference in set theory and its applications, satellite to the 6th European Congress of Mathematics.
21. (2011) Series of invited lectures, *Set-theoretic Techniques in Functional Analysis*, Banach Space Meeting, 21 – 24 February, Castro Urdiales, Spain. International mini-conference devoted to special subjects in Banach space theory.
22. (2010) Plenary lecture, *Automorphism Groups of Topological Structures*, 19 – 24 June, Eilat, Israel. International conference devoted to special problems in topological algebra.
23. (2010) Invited talk, *International Functional Analysis Meeting in Valencia on the Occasion of the 80th Birthday of Professor Manuel Valdivia*, 7 – 11 June, Valencia, Spain. International meeting with several section in various branches of functional analysis.
24. (2010) Invited lecture, *Young Set Theory Workshop*, 15 – 19 February, Seminarzentrum Raach near Vienna, Austria.
25. (2010) Series of invited lectures, *Approximation Properties of Banach spaces*, 11 – 13 February, Castro Urdiales, Spain. International mini-conference devoted to special subjects in Banach space theory.
26. (2008) Invited lecture, *Iberian Mathematical Meeting*, 3 – 5 October, Badajoz, Spain. International meeting with several sections, including Functional Analysis.
27. (2007) Series of invited lectures, *Spring School on Banach Spaces*, 15 – 24 April, Paseky nad Jizerou, Czech Republic. International meeting devoted to structure and renormings of non-separable Banach spaces, and its interplay with topology, set theory and combinatorics.
28. (2006) Plenary lecture, *10th Prague Topological Symposium*, 13 – 19 August, Prague, Czech Republic. International symposium in set-theoretic topology and related areas, organized traditionally each five years and bringing specialists from all over the world.
29. (2002) Invited talk, *American Mathematical Society Special Session on Topology and Its Applications*, 6 – 9 January, Annual AMS Meeting in San Diego, USA.

Most important scientific achievements

- Developing category-theoretic framework for universal homogeneous structures, in particular, using metric-enriched categories. The topic originates from publications [12] and [18] in the list below. One of its applications is finding the first isometrically universal separable quasi-Banach spaces together with universal projections on them (publication [13] in the list below), and a unique universal graded Fréchet space with certain extension property (publication [4]). The most general theory so far is contained in the preprint [W. Kubiś, *Metric-enriched categories and approximate Fraïssé limits*, arXiv:1210.6506], still under development. This work has already received several citations.
- Introducing and studying the concept of a *projectional skeleton* in Banach spaces, using the method of elementary submodels (publication [26]). This notion and method has become an important tool in studying non-separable Banach spaces and was already used by several researchers (M. Cúth, M. Fabian, O. Kalenda, and others), replacing the older concept of the projectional resolution of the identity.
- Solving several problems in non-separable Banach space theory and related compact spaces, concerning the existence of long sequences of projections and Markushevich bases. The results are contained in publications [31, 34, 36].
- Exploring multidimensional analytic sets in the context of existence of large monochromatic subsets, in particular, constructing universal sets with no perfect squares [42] and characterizing the existence of perfect independent sets with respect to infinitely many relations [6].

Impact and dissemination of work

- 52 research papers in peer-reviewed journals
- Web of Science: 264 citations without self-citations; h-index = 11 (access: 11.04.2019)
  MathSciNet: cited 389 times by 216 authors. (access: 11.04.2019)

List of publications

- Monograph:
  J. Kąkol, W. Kubiś, and M. López-Pellicer
  Descriptive Topology in Selected Topics of Functional Analysis
  Developments in Mathematics 24, Springer, New York, Dordrecht, Heidelberg, London, 2011
  ISBN 978-1-4614-0528-3 (493 pages)

- Articles in international peer-reviewed journals:

[1] W. KUBIŚ, *Game-theoretic characterization of the Gurarii space*, Archiv der Mathematik 110 (2018) 53–59

[2] W. KUBIŚ, A. KWIATKOWSKA, *The Lelek fan and the Poulsen simplex as Fraïssé limits*, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. (RACSAM) 111 (2017) 967–981

[3] J. KĄKOL, W. KUBIŚ, A. KUBZDELA, *On non-archimedean Gurarii spaces*, J. Math. Anal. Appl. 450 (2017) 969–981

[4] C. BARGETZ, J. KĄKOL, W. KUBIŚ, *A separable Fréchet space of almost universal disposition*, Journal of Functional Analysis 272 (2017) 1876–1891

[5] W. KUBIŚ, D. MAŠULOVIĆ, *Katětov functors*, Applied Categorical Structures 25 (2017) 569–602

[6] M. DOLEŽAL, W. KUBIŚ, *Perfect independent sets with respect to infinitely many relations*, Archive for Mathematical Logic 55 (2016) 847–856

[7] W. KUBIŚ, *Banach-Mazur game played in partially ordered sets*, Banach Center Publications 108 (2016) 151–160

[8] T. BANAKH, W. KUBIŚ, N. NOVOSAD, M. NOWAK, F. STROBIN, *Contractive function systems, their attractors and metrization*, Topological Methods in Nonlinear Analysis 46 (2015) 1029–1066

[9] S. GABRIYELYAN, J. KĄKOL, W. KUBIŚ, W. MARCISZEWSKI, *Networks for the weak topology of Banach and Frchet spaces*, J. Math. Anal. Appl. 432 (2015) 1183–1199

[10] J. GARBULIŃSKA-WĘGRZYN, W. KUBIŚ, *A universal operator on the Gurarii space*, J. Operator Theory 73 (2015) 143–158

[11] W. KUBIŚ, *Injective objects and retracts of Fraïssé limits*, Forum Math. 27 (2015) 807–842

[12] W. KUBIŚ, *Fraïssé sequences: category-theoretic approach to universal homogeneous structures*, Ann. Pure Appl. Logic 165 (2014) 1755–1811

[13] F. CABELLO SÁNCHEZ, J. GARBULIŃSKA-WĘGRZYN, W. KUBIŚ, *Quasi-Banach spaces of almost universal disposition*, J. Functional Anal. 267 (2014) 744–771

[14] T. BANAKH, R. BONNET, W. KUBIŚ, *Means on scattered compacta*, Topological Algebra and Applications 2 (2014) 5–10

[15] W. KUBIŚ, A. KUCHARSKI, S. TUREK, *Parovičenko spaces with structures*, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. (RACSAM) 108 (2014) 989–1004

[16] W. KUBIŚ, K. MOLTÓ, S. TROYANSKI, *Topological properties of the continuous function spaces on some ordered compacta*, Set-Valued Var. Anal. 21 (2013) 649–659

[17] J. FERRER, P. KOSZMIDER, W. KUBIŚ, *Almost disjoint families of countable sets and separable complementation properties*, J. Math. Anal. Appl. 401 (2013) 939–949

[18] W. KUBIŚ AND S. SOLECKI, *A proof of the uniqueness of the Gurarii space*, Israel J. Math. 195 (2013) 449–456

[19] W. KUBIŚ AND B. VEJNAR, *Covering an uncountable square by countably many continuous functions*, Proc. Amer. Math. Soc. 140 (2012) 4359–4368

[20] O. KALENDA AND W. KUBIŚ, *Complementation in spaces of continuous functions on compact lines*, J. Math. Anal. Appl. 386 (2012) 241–257

[21] J. GARBULIŃSKA AND W. KUBIŚ, *Remarks on Gurarii spaces*, Extracta Math. 26 (2011) 235–269

[22] W. KUBIŚ AND S. TUREK, *A decomposition theorem for compact groups with application to supercompactness*, Cent. European J. Math. 9 (2011) 593–602

[23] W. KUBIŚ AND A. MOLTÓ, *Finitely fibered Rosenthal compacta and trees*, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. (RACSAM) 105 (2011) 23–37

[24] O. KALENDA AND W. KUBIŚ, *The structure of Valdivia compact lines*, Topology Appl. 157 (2010) 1142–1151

[25] W. KUBIŚ AND M. RUBIN, *Extension and reconstruction theorems for the Urysohn universal metric space*, Czechoslovak Math. J. 60 (2010) 1–29

[26] W. KUBIŚ, *Banach spaces with projectional skeletons*, J. Math. Anal. Appl. 350 (2009) 758–776

[27] R. BONNET, L. FAOUZI, AND W. KUBIŚ, *Free Boolean algebras over unions of two well orderings*, Topology Appl. 156 (2009) 1177–1185

[28] W. KUBIŚ, *Valdivia compact abelian groups*, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. (RACSAM) 102 (2008) 193–197

[29] U. ABRAHAM, R. BONNET, AND W. KUBIŚ, *Poset algebras over well quasi-ordered posets*, Algebra Universalis 58 (2008) 263–286

[30] W. KUBIŚ AND K. SAKAI, *Hausdorff hyperspaces of R^m and their dense subspaces*, J. Math. Soc. Japan 60 (2008) 193–217

[31] W. KUBIŚ, *Linearly ordered compacta and Banach spaces with a projectional resolution of the identity*, Topology Appl. 154 (2007) 749–757

[32] M.R. BURKE, W. KUBIŚ, AND S. TODORČEVIĆ, *Kadec norms on spaces of continuous functions*, Serdica Math. J. 32 (2006) 227–258

[33] W. KUBIŚ, *Compact spaces generated by retractions*, Topology Appl. 153 (2006) 3383–3396

[34] W. KUBIŚ AND H. MICHALEWSKI, *Small Valdivia compact spaces*, Topology Appl. 153 (2006) 2560–2573

[35] W. KUBIŚ, O. OKUNEV, AND P. SZEPTYCKI, *On some classes of Lindelöf Σ-spaces*, Topology Appl. 153 (2006) 2574–2590

[36] W. KUBIŚ AND V. USPENSKIJ, *A compact group which is not Valdivia compact*, Proc. Amer. Math. Soc. 133 (2005) 2483–2487

[37] W. KUBIŚ, K. SAKAI, AND M. YAGUCHI, *Hyperspaces of separable Banach spaces with the Wijsman topology*, Topology Appl. 148 (2005) 7–32

[38] M. KOJMAN, W. KUBIŚ, AND S. SHELAH, *On two problems of Erdős and Hechler: new methods in singular madness*, Proc. Amer. Math. Soc. 132 (2004) 3357–3365

[39] U. ABRAHAM, R. BONNET, W. KUBIŚ, AND M. RUBIN, *On poset Boolean algebras*, Order 20 (2004) 265–290

[40] W. KUBIŚ AND A. LEIDERMAN, *Semi-Eberlein spaces*, Topology Proceedings 28 (2004) 603–616

[41] W. KUBIŚ, *Complete metric absolute neighborhood retracts*, Topology Appl. 132 (2003) 251–25

[42] W. KUBIŚ, *Perfect cliques and G_δ colorings of Polish spaces*, Proc. Amer. Math. Soc. 131 (2003) 619–623

[43] W. KUBIŚ AND S. SHELAH, *Analytic colorings*, Ann. Pure Appl. Logic 121 (2003) 145–161

[44] C. COSTANTINI AND W. KUBIŚ, *Paths in hyperspaces*, Appl. Gen. Topol. 4 (2003) 377–390

[45] S. GESCHKE, M. KOJMAN, W. KUBIŚ, AND R. SCHIPPERUS, *Convex decompositions in the plane and continuous pair colorings of the irrationals*, Israel J. Math. 131 (2002) 285–317

[46] W. KUBIŚ, *Separation properties of convexity spaces*, J. Geom. 74 (2002) 110–119

[47] W. KUBIŚ, *A sandwich theorem for convexity preserving maps*, Tatra Mt. Math. Publ. 24, part II, (2002) 125–131

[48] W. KUBIŚ, *A characterization of complete Boolean algebras*, Bull. Polish Acad. Sci. Math. 49 (2001) 91–95

[49] W. KUBIŚ AND A. KUCHARSKI, *Convexity structures in zero-dimensional compact spaces*, Math. Pannon. 12 (2001) 177–18

[50] W. KUBIŚ, *Extension theorems in axiomatic theory of convexity*, Bull. Polish Acad. Sci. Math. 48 (2000) 89–96

[51] W. KUBIŚ, *Extension criterion for continuous convexity preserving maps*, Tatra Mt. Math. Publ. 19, part II, (2000) 167–175

[52] B. KUBIŚ AND W. KUBIŚ, *Fréchet type theorem and its applications to multifunctions*, Bull. Polish Acad. Sci. Math. 48 (2000) 165–170