I. PUBLICATIONS


5. Proper absolute extensors, Topology Proc. 63 (2024), 107-115. MR4634395


10. On Q-manifolds bundles, Topology and its Appl. 311 (2022), 107967 (with J. West) MR4403133


34. Averaging operators and set-valued maps, Mathematica Balkanica, 27(3-4) (2013), 135–149.


37. On a theorem of Arvanitakis, Mathematica 59 (2013), 250–256. MR3028182
38. Generalized Cantor manifolds and indecomposable continua, Question and Answers in Gen. Topol. 30 (2012), 93–102 (with V. Todor). MR3014523


50. Linear operators with compact supports, probability measures and Milyutin maps, J.


73. Dense families of selections and finite-dimensional spaces, Set-Valued Analysis 11 (2003), 373-391 (with V. Gutev). MR2010098


94. Linear topological classifications of certain function spaces II, Mathematica Pannonica 4:1 (1993), 137 - 144. MR1226179


101. Yet another characterization of \( AE(0) \)-spaces, Proc. of the Seventeenth Spring Conference of the Union of Bulgarian Mathematicians. Sunny Beach, April 6-9 (1988), 147-150.


111. On the spaces which have a $\tau$-lattice of open mappings, Serdica 10 (1984), 159-165. MR0768692


II. RESEARCH TALKS AND VISITS

(Note: The Invited talks and visits are marked by an Asterix.)

Mathematics days in Sofia, July 10-14, 2023, Sofia, Bulgaria.
Talk: Homogeneous ANR-spaces*. 
Mathematics days in Sofia, July 10-14, 2023, Sofia, Bulgaria.
Talk: Separation of homogeneous continua.

International Conference on Topology and its Applications, July 3-10, 2023, Nafpactos, Greece.
Talk: Local structure of homogeneous ANR-spaces.

36 Summer Topology Conference, July 18-22, 2022, University of Vienna, Austria.
Talk: Extending homeomorphisms on Cantor cubes II, jointly with E. Shchepin.

2022 Canadian Mathematical Society Summer Meeting, June 3-6, 2022, Memorial University, St. John’s, Newfoundland.
Talk: On homogeneity of Cantor cubes*, jointly with E. Shchepin.

International Conference on Topology and its Applications dedicated to the 100th anniversary of the birthday of Yu. M. Smirnov, September 20-21, 2021, Moscow, Russia.
Talk: Extending homeomorphisms on Cantor cubes*, jointly with E. Shchepin.

Talk: Homological characterization of $Q$-manifolds and $l_2$-manifolds*.

Conference on Geometric Topology and Related Topics dedicated to the 65th birthday of S. Antonyan, December 9-12, 2019, Mazatlan, Sinaloa, Mexico.
Talk: Homological selections and fixed points*.

45th International Conference on Applications of Mathematics in Engineering and Economics, June 7-13, 2019, Sozopol, Bulgaria.
Talk: Homogeneous finite-dimensional metric compacta*.

International Conference on Topological Algebra and Set-Theoretic Topology dedicated to Professor A. V. Arhangel’skii’s 80th birthday, August 23-28, 2018, Moscow, Russian Federation.
Talk: Spectral representation of topological groups and near-openly generated groups*.

International Conference on Topology and its Applications, July 7-11, 2018, Nafpactos, Greece.
Talk: Homogeneous ANR compacta*.

Talk: Homogeneous finite-dimensional metric compacta*.

Talk Spectral representations of topological groups*.

Moscow State University: June 8-22, 2016.
Talk: Homological selections and fixed point theorems*.

Talk: Homogeneous metric ANR compacta*.

Matsuyama University, Matsuyama, Japan, April 27 - May 2, 2016.
Talk: Homological selections and fixed point theorems*.

Matsue University, Matsue, Japan, April 6-27, 2016.
Talk: Homogeneous metric ANR compacta*.

Waseda University, Tokyo, Japan, April 3-6, 2016.
Talk: Homological properties of homogeneous ANR compacta*.

College of Staten Island/ City University of New York, May 13, 2015.
Talk: Alex Chigogidze and his mathematical legacy* (jointly with A. Dranishnikov)

Talk: Local properties of homogeneous ANR compacta*.

Talk: Separating sub-additive maps*.

Talk: Homogeneous compacta and manifolds*.
International Conference on Topology and Geometry 2013, joint with the Sixth Japan-Mexico Topology Symposium, Matsue, Japan, September 2-6.  
Talk: Generalized Cantor manifolds.

Topological Methods in Analysis and Optimization (dedicated to the 70-th birthday of Prof. Petar Kenderov), June 10-13, 2013, Sofia, Bulgaria.  
Talk: Homogeneous compacta and generalized manifolds*.

International Conference on Topological Algebras and Applications (dedicated to the 70th birthday of Professor Mati Abel), May 30- June 2, 2013, Tartu, Estonia.  
Talk: Functional extenders*.

Talk: Alexandroff manifolds and homogeneous compacta*.

Talk: Homogeneous ANR and Alexandroff manifolds*.

International Conference on Applied and Industrial Mathematics dedicated to Mitrofan Choban, August 22-25, 2012, Tiraspol State University, Republic of Moldova.  
Talk: Homogeneous compacta*.

International conference "Alendroff Readings", Moscow State University, May 21-25, 2012, Moscow, Russia.  
Talk: Cantor manifolds and homogeneity*.

International conference in honor of E. Schepin on the occasion of his 60th birthday, October 15-16, 2011, Oaxaca, Mexico. Talk: Selections and extenders*.


Talk: Linear operators with compact supports, probability measures and Milyutin maps*.

Research visit to University of Kwazulu-Natal, Durban, South Africa, August 26-September 6, 2009. 
Talks: Parametric Bing and Krasinkiewicz maps and Linear operators with compact supports and probability measures*.

Research visit* at the Faculty of Mathematics and Informatics, University of Sofia, Bulgaria, June 20 - July 20, 2009.


Research visit* at the Center of Complex Systems and Visualization, University of Bremen, Bremen, Germany, May 25-June 5, 2007.

Jubilee International Conference 60 years Institute of Mathematics and Informatics, Bulgarian Academy of Sciences, July 6-8, 2007, Sofia, Bulgaria. 
Talk: Generalized Cantor manifolds and homogeneity*.

University of Kwazulu-Natal, Durban, South Africa, October 12, 2006. Talk: Parametric Bing maps*.

Talk: Dimension raising theorems for cohomological and extension dimensions*.
Center of Complex Systems and Visualization, University of Bremen, Bremen, Germany, June 3-22, 2006. Talk: Dimension theory: historical overview and some important results*.

Conference dedicated to the 50th birthday of M. Ganster, June 17-19, 2006, Technical University of Graz, Graz, Austria. Talk: Parametric general position properties and embeddings of n-dimensional maps into trivial bundles*.


Faculty of Mathematics and Informatics, Sofia University, July 2005, Sofia, Bulgaria. Talk: Ranks and approximate properties of C*-algebras*.

International Conference and Workshops on Geometric Topology honoring Karol Borsuk life and work on the 100th anniversary of his birth, 3-10 July, 2005, Bedlewo, Poland. Talk: On finite-dimensional maps.


Annual National Congress of the Sociedad Mathematica Mexicana, Universidad Autónoma del Estado de Hidalgo, Pachuca, Mexico, October 12 - 17, 2003. Talk: Topological ranks of C*-algebras*.


2002 AMS Spring Eastern Section Meeting, Montreal, Quebec, Canada, May 3-5, 2002. Talk: Selection theorems and dimension*.

Topology Seminar, Department of Mathematics, York University, Toronto, January 16-18, 2002. Talk: Continuous Selections*.


Institute of Mathematics, Bulgarian Academy of Sciences, August 31, 2001. Continuous selections and applications*.

III. RESEARCH AWARDS

2019 – 2024 National Science and Engineering Research Council (NSERC) five-year discovery grant (CD 15,000 per year).

2013 - 2018 National Science and Engineering Research Council (NSERC) five-year discovery grant (CD 11,000 per year).

2010 Chancellor’s Award for Excellence in Research

2008 – 2013 National Science and Engineering Research Council (NSERC) five-year discovery grant (CD 12,000 per year).

2004 – 2007 Nipissing University Research Achievement Award (three years internal research grant, CD 5000).
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<thead>
<tr>
<th>Year Range</th>
<th>Description</th>
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<tbody>
<tr>
<td>2003 – 2008</td>
<td>National Science and Engineering Research Council (NSERC) five-year discovery grant (CD 8500 per year).</td>
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<tr>
<td>1997 – 2000</td>
<td>Third World Academy of Sciences (TWAS) Grant for travel and research. My visit to the Mathematical Institute of the National Autonomous University of Mexico during the period June - July 1998 was supported by TWAS.</td>
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<tr>
<td>1990</td>
<td>British Council research support to visit Oxford University during the period November 1990.</td>
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<tr>
<td>1979</td>
<td>Award for young researchers - Faculty of Mathematics and Informatics, Sofia University.</td>
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