

CURRICULUM VITAE

Filiz YILDIZ

Department of Mathematics, Faculty of Science

Hacettepe University, Beytepe-Ankara, Turkey

Phone: 90 312 2977850-131

Fax: 90 312 2992017

e-mail: yfiliz@hacettepe.edu.tr

fyildiz@ccny.cuny.edu

Research Areas

Asymmetric Topology and Its Applications, Set-Theoretic Topology, Topological Methods in Functional Analysis, Category Theory, Texture Theory,

Inverse Systems, Limits and Continuum Theory

Rings of Continuous Functions

Educational Background

PhD in Mathematics, Hacettepe University, Turkey, 2006

M.Sc in Mathematics, Hacettepe University, Turkey, 2001

B.Sc in Mathematics, Hacettepe University, Turkey, 1998. (Second of Faculty of Science)

Theses

- **Ph.D Thesis:** Spaces of Bicontinuous Real Difunctions And Real Compactness, 2006, PhD. Thesis, (supervisor: Prof.Dr. Lawrence M. Brown) Faculty of Science, Department of Mathematics, Hacettepe University, Ankara.

- **M.Sc Thesis:** The Ring of Continuous Functions and Real Compact Spaces, 2001, MSc. Thesis, (supervisor: Prof.Dr. Lawrence M. Brown) Faculty of Science, Department of Mathematics, Hacettepe University, Ankara.

Foreign Language:

English (Score: 80 – Interuniversity Board Foreign Language Examination)

Research Visitings

1. June 20 - 28, 2019 :

Bern University of Applied Sciences, Department of Mathematics and Statistics,
Bern-Switzerland.

2. December 3-10, 2018 :

Vrije Universiteit Brussel, Department of Mathematics, Brussel- Belgium.

3. September 12-16, 2018 :

Brno University of Technology, Department of Mathematics, Brno-Czech Republic.

4. January 14-20, 2018 :

University of Bern, Department of Mathematics, Bern- Switzerland.

5. January 16-21, 2017 :

University of Bern, Department of Mathematics, Bern- Switzerland.

6. September 2014 :

Working with Prof. Hans-Peter A. Künzi

Department of Mathematics, University of Cape Town, Cape Town, South Africa.

7. August 2008 - January 2009 :

(Short-term Postdoc.) Working with Prof. Ralph Kopperman,

Department of Mathematics, City University of New York, City College, New York, USA.

Awards

1. Second of Faculty of Science, Hacettepe University, 1998.
2. Second of Department of Mathematics, Hacettepe University, 1998.

Grants

1. Short-Term Post Doctorate Grant, Hacettepe University, 2008-2009.
2. Publication Encouragement Grants of The Scientific and Research Council of Turkey (Tübitak), 2009-...

Work Experience

- **Prof.Dr** , Department of Mathematics, Hacettepe University, Beytepe-Ankara, Turkey, 2019-....
- **Assoc.Prof.Dr** , Department of Mathematics, Hacettepe University, Beytepe-Ankara, Turkey, 2013-2018
- **Co-head of Department**, Department of Mathematics, Hacettepe University, Beytepe-Ankara, 2012–2014.
- **Assist.Prof.Dr** , Department of Mathematics, Hacettepe University, Beytepe-Ankara, Turkey, 2010–2012
- **Dr.Lecturer** , Department of Mathematics, Hacettepe University, Beytepe-Ankara, Turkey, 2008–2010
- **Dr. Research Assistant**, Department of Mathematics, Hacettepe University, Beytepe-Ankara, Turkey, 2006-2007
- **Research Assistant** , Department of Mathematics, Hacettepe University, Beytepe-Ankara, Turkey, 1998–2006

Memberships

- Turkish Mathematical Society, 2003-...

- Turkish Women Mathematicians Society, 2012-...

Administrative Experience

1. Department Coordinator of Bologna Process for Department of Mathematics, Hacettepe University, 2020-...
2. Department Coordinator of Mevlana and Farabi Exchange Programme for Department of Mathematics, Hacettepe University, 2017-...
3. Academic incentive commission membership of Department of Mathematics, Hacettepe University, 2018-2020.
4. Faculty of Science presentation board membership, Hacettepe University 2012-2015 and 2017-2019.
5. Co-Head of Department of Mathematics, Hacettepe University, 2012–2014.
6. Consultancy for Graduate - Undergraduate Students of Department of Mathematics, Hacettepe University, 1998-...
7. Member of Bologna Team in Department of Mathematics, Hacettepe University, 2012-...
8. Member of Scholarship Committee in Department of Mathematics, Hacettepe University, 2004–2012.

Supervised Thesis

Ph. D

- Nezakat Javanshir, “Theories of Approximation to the Asymmetry of T_0 -Quasi-Metric Spaces”, Completed, 2021.

Ms. C

- Sule Hasman, “The Theory of Transitive Quasi-Uniform Spaces”, Completed, 2017.
- Enes Devecio, ” q -Hyperconvex T_0 -Metric-Spaces”, Completed, 2022.

Teaching Experience

PhD Courses

- Advanced Topology I-II
- Selected Topics in Topology I-II
- Bitopological Spaces I-II

Graduate Courses

- Topology I-II
- Seminar

Undergraduate Courses

- Calculus I-II
- Advanced Calculus I-II
- Engineering Mathematics
- General Topology
- Metric Spaces
- Elementary Number Theory I
- Basic Mathematics II.
- Mathematics I-II

Refereeing

1. Fuzzy Sets and Systems
2. Acta Mathematica Hungarica
3. Quaestiones Mathematicae
4. Topology Proceedings
5. Topology and Its Applications
6. Applied General Topology
7. Faculty of Sciences and Mathematics University of Nis, FILOMAT
8. Hacettepe Journal Of Matematics and Statistics
9. Çankaya University Journal of Science and Engineering,
10. Annals of Fuzzy Mathematics and Informatics (AFMI)
11. Universal Journal of Mathematics and Mathematical Sciences.

12. Journal of the Egyptian Mathematical Society
13. Neural Computing and Applications
14. Turkish Journal of Mathematics (TUBITAK)
15. Advanced in Pure and Applied Mathematics (APAM)
16. Bulletin of International Mathematical Virtual Institute (IMVI)
17. JP Journal of Geometry and Topology
18. Karaelmas Science and Engineering Journal
19. Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics.
20. Far East Journal of Mathematical Sciences FJMS

Projects

1. City University of New York, City College, **Project No. PSC-CUNY 69487-0038, 61743-0039**, Title: Interpolating Structures, (With Prof. Ralph D. Kopperman), 2008–2010.
2. Hacettepe University Scientific Research Projects Coordination Unit, **Project No. 973**, Title: Finite Approximations and Textural Applications of Inverse Limits, 2013–2014.
3. Hacettepe University Scientific Research Projects Coordination Unit, **Project No. FBT-2015-6267**, Project for Scientific Meeting Organisation, Title: Workshop On Applications of Topology in Mathematics and Computer Science- **ATMC 2015**, 2015–2016.
4. Hacettepe University Scientific Research Projects Coordination Unit, **Project No. 16931**, Title: “ASYMMETRY OF T_0 - QUASI - METRICS IN ASYMMETRIC TOPOLOGY AND SYMMETRIC CONNECTEDNESS”, 2018–2019.

Conference and Workshop Organizations

- 2019** Organiser, “Topology Workshop IV - in Memory of Prof. L. M. Brown”, Department of Mathematics, Hacettepe University, December 13, 2019.
- 2018** Co-organiser, “Topology Workshop III - in Memory of Prof. L. M. Brown”, Department of Mathematics, Hacettepe University, December 14, 2018.
- 2017** Co-organiser, “Topology Workshop II - in Memory of Prof. L. M. Brown”, Department of Mathematics, Hacettepe University, December 8, 2017.
- 2017** Co-organiser and the member of Scientific Committee of “XII. Ankara Mathematics Days”, Department of Mathematics, Hacettepe University, Ankara, May 25-26, 2017.
- 2016** Co-organiser, “Topology Workshop I - in Memory of Prof. L. M. Brown”, Department of Mathematics, Hacettepe University, December 9, 2016.
- 2015** Chair, “Workshop on Applications of Topology in Mathematics and Computer Science - in Honour of Prof. Hans-Peter A. Küenzi, Department of Mathematics, Hacettepe University, Ankara, September 7-8, 2015.
- 2013** Co-organiser, “International Conference On Algebra in Honour of Patrick Smith and John Clark’s 70th Birthdays”, Department of Mathematics, BUBYO, Balıkesir University, Balıkesir, August 12-15, 2013.
- 2013** Co-organiser, “12 th Mathematics Symposium”, Hacettepe University, Ankara, May 23-25, 2013.
- 2011** Co-organiser of the Asymmetric Topology Session at “26nd Summer Conference on Topology and Its Applications, Department of Mathematics, City College of New York, New York, USA, July 26-29, 2011.

2011 Co-organiser, "VI. Ankara Mathematics Days", Department of Mathematics, Hacettepe University, Ankara, June 2-3, 2011.

2009 Co-organiser, "International Conference on Topology and Its Applications", Department of Mathematics, Hacettepe University, Ankara, July 6-11, 2009.

2008 Co-organiser, "International Conference on Ring and Module Theory", Department of Mathematics, Hacettepe University, Ankara, August 18-20, 2008.

2001 Co-organiser, "International Conference on Applicable General Topology", Department of Mathematics, Hacettepe University, Ankara, August 12-18, 2001.

Seminars and Workshops

- 2023** “*Remarks On the Inverse Systems of Dicomact Textures*”, Seminar, Topology, Algebra and Dynamical Systems Seminars (TADS), University of Cape Town, Department of Mathematics and Applied Mathematics, March 7, 2023.
- 2023** Mini Workshop of Topology and Algebra 2023, University of Cape Town, Department of Mathematics and Applied Mathematics, January 24, 2023.
- 2019** Prof. H-P. Künzi ’s Research Visiting and the joint talk titled “*Some concepts of connectedness in T_0 -quasi-metric spaces*”, Hacettepe University, December 8-13, 2019.
- 2019** Topology Workshop IV - in Memory of Prof. L. M. Brown, Hacettepe University, December 13, 2019.
- 2019** XIV. Ankara Mathematics Days , Department of Mathematics, Gazi University, Ankara, June 28-29, 2019.
- 2018** “*Remarks on Some Categories of Ditopological Texture Spaces*”, Seminar , Institute of Mathematics, Brno University of Technology, Brno, Czech Republic, September 14, 2018.
- 2018** Topology Workshop III - in Memory of Prof. L. M. Brown Hacettepe University, December 14, 2018.
- 2018** Workshop on Graph Theory and its Applications VIII, Boğaziçi University, November 9-10, 2018.
- 2018** “*The Categorical Relations Between Bitopological and Ditopological Inverse System*” XIII. Ankara Mathematics Days, TOBB ETÜ, Department of Mathematics, Ankara, April 27-28, 2018.

- 2018** “*On Hutton Dispaces as a Textural Approach to Hutton Spaces*” Seminar, Institute of Mathematics, University of Bern, Bern, Switzerland, January 16, 2018.
- 2017** Topology Workshop II - in Memory of Prof. L. M. Brown Hacettepe University, December 8, 2017.
- 2017** “*A Textural View of Real Compactness in Hutton Spaces*”, 30th National Mathematical Symposium, Department of Mathematics, Atılım University, Ankara, September 6-9, 2017.
- 2017** “*An Approach to the Product of Plain Textures Via Inverse Limits*”, XII. Ankara Mathematics Days, Hacettepe University, Department of Mathematics, Ankara, May 25-26, 2017.
- 2017** 4 th Workshop of Association for Turkish Women in Maths Middle East Technical University, Department of Mathematics, Ankara, April 28-29, 2017.
- 2017** “*Remarks on Takahashi Convexity in an Asymmetric Setting*”, Invited Speaker, Workshop of Constructivism, Logic and Topology, University of Bern, Bern, Switzerland, January 17-18, 2017.
- 2016** “*Extended Real Dicomactness in Texture Theory*”, Topology Workshop I- in Honour of Prof. L. M. Brown Hacettepe University, December 9, 2016.
- 2016** Women and Science- IV, Atılım University, Department of Mathematics, Ankara, November 4, 2016
- 2016** “*On Convexity Structures in Quasi-Metric Setting*”, 3rd Workshop of Association for Turkish Women in Maths Dokuz Eylül University, İzmir, May 27-29, 2016.
- 2016** “*Extended Real Dicomact Texture Spaces* ”, XI. Ankara Mathematics Days, Ankara University, Department of Mathematics, Ankara, May 26-27, 2016.

- 2016** “*Inverse Systems in the Category of Dicomact $bi-T_2$ Plain Texture Spaces*”, Seminar, Ankara University, Department of Mathematics, Ankara, May 4, 2016.
- 2015** “*Generalizations of Convexity Structures to Quasi-Metric Setting*” Workshop on Applications of Topology in Mathematics and Computer Science, Department of Mathematics, Hacettepe University, Ankara, September 7-8, 2015.
- 2015** Women and Science - III, Hitit University, Çorum, Turkey, October 30-31, 2012.
- 2015** 18th Galway Topology Colloquium, Department of Mathematics, National University of Ireland, Galway, Ireland, June 22, 2015.
- 2015** “*Inverse Limits In the Categories of Dicomact Texture Spaces*”, X. Ankara Mathematics Days , Department of Mathematics, Middle East Technical University, Ankara, June 11-12, 2015.
- 2015** Atılım Geometry Topology Workshop, Matematik Bölümü, Atılım Üniversitesi, Ankara, May 15-16, 2015.
- 2015** Algebraic and Geometric Topology Workshop- in honor of Turgut Önder’s 65th birthday, Department of Mathematics, Middle East Technical University, Ankara, January 9-10, 2015.
- 2014** Workshop On Contact Topology, Department of Mathematics, Hacettepe University, October 25, 2014.
- 2014** “*A Categorical View of Completeness in Di-Uniform Texture Spaces*”, Seminar (September 16), Topology Research Group of University of Cape Town, Department of Mathematics and Applied Mathematics, University of Cape Town, Cape Town, South Africa, September 12-28 , 2014.
- 2014** “*Completeness of Di-Uniform Structures in Texture Theory*”, 27th National Mathematical Symposium, Department of Mathematics, Yeditepe University,

İstanbul, August 26-29, 2014.

- 2014** IX. Ankara Mathematics Days , Department of Mathematics, Atılım University, Ankara, June 12-13, 2014.
- 2013** “*The Relations Between Real Compactifications in Various Categories*”, VIII. Ankara Mathematics Days, Department of Mathematics and Computer, Çankaya University, Ankara, June 13-14, 2013.
- 2013** 12 th Mathematics Symposium, Participant and in Organizing Committee Hacettepe University, Ankara, Turkey, May 23-25, 2013.
- 2013** Workshop On Low Dimensional Topology, Department of Mathematics, Hacettepe University, Ankara, Turkey, March 1, 2013.
- 2013** Women and Science- II, Bahçeşehir University İstanbul, Turkey, February 8, 2013.
- 2012** “*On the Completeness and Complete Extensions of Uniformities in Textures*”, Seminar, Department of Mathematics, Işık University, İstanbul, September 12, 2012.
- 2012** Women and Science - I, Çankaya University, Ankara, Turkey, November 23, 2012.
- 2011** “*Bitopological Spaces and Real Compactness of Textures*”, VI. Ankara Mathematics Days, Department of Mathematics, Hacettepe University, Ankara, June 2-3, 2011.
- 2010** “*Complete Extensions in Di-Uniform Textures*”, V. Ankara Mathematics Days, TOBB University of Economics and Technology, Ankara, June 3-4, 2010.

- 2010** “*Stone-Čech Compactification In Textures*”, Seminar, Department of Mathematics, Çankaya University, Ankara, April 8, 2010.
- 2010** “*A Textural View of Completeness and Compactness*”, Seminar, Department of Mathematics, Ankara University, Ankara, March 17, 2010.
- 2009** “*Hewitt Real Compactification For a Ditopological Space*”, IV. Ankara Mathematics Days , Department of Mathematics, Middle East Technical University, Ankara, June 4-5, 2009.
- 2008** “*On Real Dicomact Extensions For Ditopological Spaces* ”, Seminar, New York Seminar on Topology and Topological Algebra, Department of Mathematics, City College, City University of New York, New York, USA. October 16, 2008.
- 2007** “*On Real Compactness in Ditopological Texture Spaces*”, II. Ankara Mathematics Days, Department of Mathematics, Atılım University, Ankara, Turkey, June 14-15.
- 2007** “*Some Relations Between Real Dicomactness and Dicompleteness of A Diuniform Texture Space*”, Workshop on Category Theory in General Topology, Visit by Prof. G.C.L. Brümmer, Department of Mathematics, Abant İzzet Baysal University, Bolu, Turkey, September 19-21, 2007.
- 2006** “*On Banach-Stone Theorem in Ditopological Spaces*”, Seminar, Department of Mathematics, Hacettepe University, Ankara, June 7, 2006.
- 2005** “*T-Lattice of Bicontinuous Real Difunctions*”, Seminar, Department of Mathematics, Hacettepe University, Ankara, April 21, 2005.
- 2004** “*T-Lattice of Real Bicontinuous Difunctions and Difilters* ”, 17th National Mathematical Symposium, Department of Mathematics, Abant İzzet Baysal University, Bolu, Turkey, August 23-26, 2004.

2004 “*Diconvergence of Regular Difilters*”, Seminar, Department of Mathematics, Hacettepe University, Ankara, November 3, 2004.

2002 “*Ring of Continuous Functions and z -Filters*”, Seminar, Department of Mathematics, Hacettepe University, Ankara, January 20, 2002.

Conferences

- 2022** “*Textural Products via Inverse Systems of Ditopological Spaces*”, International Conference on Mathematics “An Istanbul Meeting for World Mathematicians”, June 21–24, 2022, Istanbul, Turkey.
- 2022** “*The Inverse Limits of Dicomact Bi-Hausdorff Spaces*”, International E-Conference on Mathematical and Statistical Science: A Selcuk Meeting - ICOMSS’22, Selcuk University, October 20–22, 2022, Konya, Turkey.
- 2022** International Conference on Topology, Algebra and Category Theory in honour of Professor Themba Dube, Topology Research Group in the Department of Mathematical Sciences at the University of South Africa, September 19-22, 2022, South Africa.
- 2022** “*Applications of the Closing Feature to the Limits of Textures*”, International Conference on Mathematics “An Istanbul Meeting for World Mathematicians”, ICOM 2022, June 21–24, 2022, Istanbul, Turkey.
- 2021** “*A directed graph associated with a T_0 -quasi-metric space*”, Workshop on Graphs, Topology and Topological Groups WGTG -2021 , Department of Mathematics and Applied Mathematics University of Cape Town, March 10, 2021, Cape Town, South Africa.
- 2019** “*An asymmetric type of connectedness for T_0 -quasi-metric spaces*”, International Conference Infinite-Dimensional Analysis and Topology, IDAT 2019, October 16-20, 2019, Ivano -Franskivsk, Ukraine.
- 2019** “*Remarks On Antisymmetric T_0 -Quasi-Metric Spaces*”, İzmir Mathematics Days II, September 12-13, 2019, Dokuz Eylül University, İzmir.
- 2018** “*A Ditopological Fuzzy Structural View of Hutton Spaces*”, 5 rd International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference - IFSCOM 2018, September 5 - 9, 2018, Kahramanmaraş, Turkey.

- 2017** “*Takahashi Convexity Structures in q -Hyperconvex Spaces*”, International Conference in Functional Analysis dedicated to the 125th anniversary of Stefan Banach, September 18 - 23, 2017, Lviv, Ukraine.
- 2017** “*The Properties of Strictly Convex T_0 -Quasi-Metric Spaces*”, Caucasian Mathematics Conference , CMC II, Ağustos 22-24, 2017, Van, Turkey.
- 2017** “*Some Categorical Approaches to the Relations Between Inverse Systems of Bitopological and Ditopological Spaces*”, 6 th International Eurasian Conference On Mathematical Sciences and Applications , IECMSA 2017, August 15 - 18, 2017, Budapest, Hungary.
- 2017** “*Remarks on Takahashi Convexity in an Asymmetric Setting*”, **Invited Speaker**, Workshop of Constructivism, Logic and Topology, University of Bern, January 17-18, 2017, Bern, Switzerland.
- 2017** “*On Applications of Real Dicomactness to Hutton Spaces*”, ICMME -2017, International Conference on Mathematics and Mathematics Education, Harran University May 11-13, 2017, Şanlıurfa, Turkey.
- 2017** “ *T_0 -Quasi-Metric Spaces With A Unique Convexity Structure*”, ICMME -2017, International Conference on Mathematics and Mathematics Education, Harran University, May 11-13, 2017, Şanlıurfa, Turkey.
- 2016** “*A Characterization Via Limits For The Textural Products of Dicomact Spaces*” , International Journal of Arts and Sciences (IJAS) November 29-December 2, 2016, Freiburg, Germany.
- 2016** “*Inverse Limits in the Category of Dicomact $bi-T_2$ Plain Texture Spaces*” , 3 rd International Intuitionistic Fuzzy Sets and Contemporary Mathematics Conference (IFSCOM 2016), August 29-September 1, 2016, Mersin, Turkey.
- 2016** “*A Ditopological Fuzzy Structural View of Inverse Systems and Inverse Limits*” , 3 rd International Intuitionistic Fuzzy Sets and Contemporary Mathematics

Conference (IFSCOM 2016), August 29-September 1, 2016, Mersin, Turkey.

2016 Analysis and Probability Conference, July 4-7, Orsay and Paris, France.

2016 Perspectives in Topology and Geometry of 4-manifolds, June 6-11 2016, Dubrovnik, Croatia.

2015 17th General Meeting of European Women in Mathematics , EWM 2015, August 31 - September 4, 2015, Cortona, Italy.

2015 “*On Inverse Limits In Some Categories of Ditopological Spaces*”, 30th “Summer” Conference on Topology and Its Applications, June 23-26, 2015, Department of Mathematics, National University of Ireland, Galway, Ireland

2015 11 th International Conference on Fixed Point Theory and Its Applications, July 20-24, 2015, Department of Mathematics, Galatasary Universtiy, İstanbul, Turkey

2014 “*Projective Systems in Ditopological Plain Texture Spaces*”, 2014 International Conference on Topology and Its Applications, July 3-7, 2014, Department of Mathematics, Nafpaktos, Greece.

2014 “*Inverse Systems and Limits in Plain Textures*”, Analysis, Topology and Applications-ATA 2014, May 25-29, 2014 Vrnjacka Banja, Serbia.

2013 16th General Meeting of European Women in Mathematics , EWM 2013, September 2-6, 2013, Hausdorff Center For Mathematics, Universitat Bonn, Bonn, Germany.

2013 “*Textures and The Limit of Inverse Systems*”, 2 st International Eurasian Conference On Mathematical Sciences and Applications, IECMSA 2013, August 26-29, 2013, Department of Mathematics, International University of Sarajevo, Sarajevo, Bosnia and Herzegouina.

- 2013** International Conference On Algebra in Honour of Patrick Smith and John Clark's 70th Birthdays, Department of Mathematics, BUBYO, Balikesir University, August 12-15, 2013, Burhaniye, Balikesir.
- 2012** "*Completeness Properties of Di-Uniform Texture Spaces*", 1 st International Eurasian Conference On Mathematical Sciences and Applications, IECMSA 2012, September 3-7, 2012, Department of Mathematics, Prishtine, Kosovo.
- 2011** "*Relations Between Real Compactness in Textures and Bitopological Spaces*", 26nd "Summer" Conference on Topology and Its Applications, July 26-29, 2011, Department of Mathematics, City College of New York, New York, USA.
- 2010** "*Completions in Di-Uniform Textures and Some Categorical Aspects*", 25nd "Summer" Conference on Topology and Its Applications, July 25-30, 2010, Department of Mathematics of Jan Kochanowski University, Kielce, Poland.
- 2009** "*Remarks on a Type of Extension For Textures*", September 14-21, 2009 , Massee International Conference on Mathematics, MICOM 2009, Ohrid, Macedonia.
- 2009** "*Connections Between Completeness and Real Compactness of a Di-uniform Texture Space*", 2nd International Conference on Topology and its Applications, July 6-11, 2009, Department of Mathematics, Hacettepe University, Ankara, Turkey.
- 2008** International Conference on Ring and Module Theory, August 18-20, 2008 , Department of Mathematics, Hacettepe University, Ankara, Turkey.
- 2007** "*Real Compactifications of Ditopological Texture Spaces*", 11th Galway Topological Colloquium, July 18-21, 2007, Mathematical Institute, University of Oxford, Oxford, England.
- 2007** "*Real Dicomactness As Completeness Of A Diuniformity*", 22nd "Summer" Conference on Topology and Its Applications, July 24-27, 2007 , Universitat Jaume I, Departament de Matemàtiques, Castello, Spain.

- 2006** “*Categories of Dicomact Bi-T₂ Texture Spaces and a Banach-Stone Theorem*”,
10 th Prague Topological Symposium, August 13-19, 2006, Prague, Czech Republic.
- 2004** “*Bi-ideals in T-Lattice of Bicontinuous Real Difunctions*” , 19 th “Summer”
Conference on Topology and its Applications , July 5-9, 2004, University of Cape
Town, Cape Town, South Africa.
- 2001** International Conference on Applicable General Topology, August 12-18, 2001,
Department of Mathematics, Hacettepe University, Ankara, Turkey

Publications

1. “*On the Topological Locality of Antisymmetric Connectedness*”, Filiz Yıldız and Nezakat Javanshir, Filomat, 37:12, pp. 3879–3886, 2023.
2. “*Symmetrically and Antisymmetrically-Dense Subspaces of T_0 -Quasi-Metric Spaces*”, Hans-Peter A. Künzi, Filiz Yıldız and Nezakat Javanshir, Topology Proceedings, 61, pp. 215–231, 2023.
3. “*Some Remarks For the Antisymmetrically Connected Spaces*”, Filiz Yıldız and Nezakat Javanshir, Filomat, 37:20, 6823–6834, 2023.
4. “*A Directed Graph Associated With a T_0 -Quasi-Metric Space*”, Filiz Yıldız and Hans-Peter A. Künzi, Transactions on Combinatorics, 11 (3), pp. 237–254, 2022.
5. “*Certain Observations on Antisymmetric T_0 -Quasi-Metric Spaces*”, Filiz Yıldız and Nezakat Javanshir, Topology and Its Applications, Vol. 309, 107915, 2022.
6. “*Locally Symmetrically Connected T_0 -Quasi-Metric Spaces*”, Nezakat Javanshir and Filiz Yıldız, Quaestiones Mathematicae, 45 (3), pp. 369–384, 2022.
7. “*Symmetrically Connected and Antisymmetrically Connected T_0 -Quasi-Metric Extensions*”, Nezakat Javanshir and Filiz Yıldız, Topology and Its Applications, Vol. 276, 107179, 2020.
8. “*Unsymmetric T_0 -Quasi-Metrics*”, Hans-Peter A. Künzi, Mark Sioen and Filiz Yıldız, Topology and Its Applications, Vol. 279, 107249, 2020.
9. “*Revisiting Di-Uniformity and Full-Dinormality Via Discovers*” Selma Ozcag and Filiz Yıldız, Quaestiones Mathematicae, 43 (9), pp. 1185-1208, 2020.
10. “*Symmetric Connectedness in T_0 -Quasi-Metric Spaces*”, Filiz Yıldız and Hans-Peter A. Künzi, Bulletin of the Belgian Mathematical Society Simon Stevin, 26 (5), pp. 659–679, 2019.

11. “*Some Categorical Aspects of the Inverse Limits in Ditopological Context*”, Filiz Yıldız, Applied General Topology, 19, no.1, pp. 101-127, 2018.
12. “*Extensions of T_0 -Quasi-Metrics*”, Hans-Peter A. Künzi and Filiz Yıldız, Acta Mathematica Hungarica, 153(1), pp. 196-215, 2017.
13. “*Inverse Systems and Limits in the Category of Ditopological Plain Spaces*”, Filiz Yıldız, Topology and Its Applications, Vol. 228, pp. 47-67, 2017.
14. “*Inverse Systems and Inverse Limits in the Category of Plain Textures*”, Filiz Yıldız, Topology and Its Applications, Vol. 201, pp. 217-234, 2016.
15. “*Convexity Structures in T_0 -Quasi-Metric Spaces*”, Hans-Peter A. Künzi and Filiz Yıldız, Topology and Its Applications, Vol. 200, pp. 2-18, 2016.
16. “*Connections Between Realcompactifications in Various Categories*”, Filiz Yıldız, Quaestiones Mathematicae, 38 (3), pp. 431–455, 2015.
17. “*Completeness Types For Uniformity Theory On Textures*”, Filiz Yıldız, Filomat, Vol. 29 (1), pp. 159-178, 2015.
18. “*Extended Real Dicomactness and an Application to Hutton Spaces*”, Filiz Yıldız and Lawrence M. Brown, Fuzzy Sets and Systems, Vol. 227, pp. 74-95, 2013.
19. “*The Ditopology Generated by Pre-Open and Pre-Closed Sets*”, Filiz Yıldız and Selma Ozcag, Filomat, Vol. 27 (1), pp. 95-107, 2013.
20. “*Dicompleteness and Real Dicomactness of Ditopological Texture Spaces*”, Filiz Yıldız and Lawrence M. Brown, Topology and Its Applications, 158 (15), pp. 1976-1989, 2011.
21. “*Interpolating Functions*”, Chris Good, Ralph Kopperman and Filiz Yıldız, Topology and Its Applications, 158 (4), pp. 582-593, 2011 .

22. “*Real Dicomactifications of Ditopological Texture Spaces*”, Filiz Yıldız and Lawrence M. Brown, *Topology and Its Applications*, 156 (18) pp. 3041-3051, 2009.
23. “*Real Dicomact Textures*”, Filiz Yıldız and Lawrence M. Brown, *Topology and Its Applications*, 156 (11), pp. 1970–1984, 2009.
24. “*Categories of Dicomact Bi- T_2 Texture Spaces and a Banach-Stone Theorem*”, Filiz Yıldız and Lawrence M. Brown, *Quaestiones Mathematicae*, Vol. 30, No. 2., pp. 167-192, 2007.
25. “*Characterizations of Real Di-Functions*”, Filiz Yıldız and Lawrence M. Brown, *Hacettepe Journal of Mathematics and Statistics*, Volume 35 (2) , pp. 189-202, 2006,
26. “*Convergence of Regular Di-filters and the Completeness of Di-Uniformities*”, Selma Özçağ, Filiz Yıldız and Lawrence M. Brown, *Hacettepe Journal of Mathematics and Statistics*, Volume 34S, pp. 53-68, 2005.