AHMET YANTIR

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PERSONAL INFORMATION

DATE OF BIRTH:	October, 1975
PLACE OF BIRTH:	Nazilli - Turkey
CITIZENSHIP:	Turkish
MARITAL STATUS:	Married

ACADEMIC QUALIFICATIONS

Ph.D., Mathematics.	Ege University, İzmir, Turkey, January, 2009 Dissertation: "Nonlinear Boundary Value Problems on Time Scales" Supervisor: F. Serap Topal
M.S., Mathematics.	İzmir Institute of Technology, İzmir, Turkey, 2004 Thesis: "Oscillation Theory for Second Order Differential Equations and Dynamic Equations on Time Scales" Supervisor: Ünal Ufuktepe
B.S., Mathematics.	Ege University, İzmir, Turkey, 2000

EMPLOYMENT HISTORY

- [June 2014] Visiting Instructor at University of Ostrava, Department of Mathematics, Ostrava, Czech Republic
- [September 2010-] Asst. Prof. Dr. at Yasar University, Department of Mathematics, İzmir
- [September 2008- July 2009] Instructor at Atilim University, Department of Mathematics, Ankara
- [October 2007- September 2008] Visiting Resarcher at Adam Mickiewicz University, Department of Mathematics, Poznan-Poland
- [2006- September 2007] Instructor at Atilim University, Department of Mathematics, Ankara
- [May 2006] Visiting Instructor at University of Patras, Department of Mathematics, Patras, Greece
- [2005- 2006] Instructor at Yasar University Mathematics Department, İzmir
- [2001-2005] Teaching Assistant at Izmir Institute of Technology, İzmir

ADMINISTRATIVE POSITIONS

- [2013-] Assistant Director, Institute of Naturel and Applied Sciences Yasar University
- [2011-2014] Erasmus Coordinator-Department of Mathematics
- [2011-] Minor-Major Programs Coordinator-Department of Mathematics
- [2013-] Faculty FEDEK Commission Member

ACADEMIC ACHIEVEMENTS AND AWARDS

- TUBİTAK-International Publications Encouregement Program (2003-2005-2006-2008-2009-2013-2014)
- TUBİTAK- 2221- Fellowships for Visiting Scientists and Scientists on Sabbatical Leave (August-September 2013)
- Yasar University Successful Researcher Award (2013)
- Yasar University Successful Researcher Award (2014)

PUBLICATIONS

- **SCI & SCI-E Papers**

    1. *On continuous dependence of solutions of dynamic equations on time scales* Applied Mathematics and Computation, Vol. 252 (2015) 473-483 (with M. Cichon)

    2. *Existence of solutions for fractional differential inclusions with p-Laplacian operator* Electronic Journal of Differential Equations, Vol. 2014 (2014) No: 260 1-8 (with F. Serap Topal)

    3. *Weak Solutions of a Hyperbolic-Type Partial Dynamic Equation in Banach Spaces*, Hacettepe Journal of Mathematics and Statistics, accepted for publication (with D. Soyoglu)

    4. *Carathéodory solution for nonlinear Sturm- Liouville dynamic BVP in Banach spaces,* Open Mathematics (formerly Central Europan Journal of Mathematics) **13**, 6-15 (2015) (with I. Kubiaczyk, A. Sikorska-Nowak)

    5. *Nonlinear Sturm-Liouville dynamic equation with a measure of noncompactness in Banach spaces,* Bulletin of Belgian Mathematical Society-Simon Stevin, **20**, 587-601 (2013) (with I. Kubiaczyk, A. Sikorska-Nowak)

    6. *Weak solutions for the dynamic Cauchy problem in Banach spaces,* Nonlinear Analysis TMA, **71**, 2936-2943 (2009) (with M. Cichoń, I. Kubiaczyk, A. Sikorska-Nowak)

    7. *Existence of positive solutions of a Sturm-Liouville BVP on an unbounded time scale,* Journal of Difference Equations and Applications, **14-3**, 287-293 (2008) (with F. S. Topal and E. Cetin)

    8. *Measure Theory on Time Scales with Mathematica,* Lecture Notes in Computer Science, **3991**, 916-919 (2006) (with Ü. Ufuktepe)

    9. *Mathematica Applications on Time Scales for Calculus,* Lecture Notes in Computer Science, **3482**, 529-537 (2005) (with Ü. Ufuktepe)

    10. *Basic Calculus on time scales with Mathematica,* Lecture Notes in Computer Science, **2576**, 821-827 (2003) (with Ü. Ufuktepe)

- **International Peer Reviewed Papers**

    1. *On the convergence of sets and the approximation property for dynamic equations on time scales* Mathematica Aeterna, **5** (1), 883-904 (2015) (with M. Cichon)

    2. *Existence of solutions of the dynamic Cauchy problem in Banach spaces,* Demonstratio Mathematica, **45** (3), 561-573 (2012) (with M. Cichon, I. Kubiaczyk, A. Sikorska-Nowak)

    3. *Positive Solutions of a Second Order m-point BVP on Time Scales,* Nonlinear Dynamics & System Theory, Special issue: Dynamic Equations on Time Scales **9-2**, 185-198 (2009) (with F. S. Topal)

    4. *Positive solutions of nonlinear m-point BVP on time scales,* International Journal of Difference Equations, **3** (1), 179-194 (2008) (with F. S. Topal)

- **Conference Proocedings**

    1. *Derivative & Integration on Time Scales with Mathematica*, Proceedings of the 5th International Mathematica Symposium, 325-331, Imperial College Press, (2003).

    2. *Positive Solutions of a Nonlinear Three Point BVP on Time Scales*, Further Progress in Analysis, Proceedings of the 6th ISAAC Congress, World Scientific, 555-564, (2009).

- **National Publications**

  1. *Zaman Skalasında Temel Analiz,* Matematik Dünyası Dergisi, (Aralık, 2003).

CITATIONS

- Total citations: 53
- From WoS: 12

JOURNALS REFEREED

- Boundary Value Problems
- Electronic Journal of Differential Equations
- Hacettepe Journal of Mathematics and Statistics
- Journal of Mathematical Analysis and Applications
- Turkish Journal of Mathematics

ORGANIZED CONFERENCES

- 8th International Workshop on Differential Equations and Applications
  June 2017 Dokuz Eylül University (co-organizer)
- Grand Science Slam İzmir Final
  March 2016 Yaşar University (co-organizer)
- 7th International Workshop on Differential Equations and Applications
  July 2015 Yaşar University (organizer)
- 6th International Workshop on Differential Equations and Applications
  September 2013 İzmir University of Economics (co-organizer)
- 5th Workshop on Differential Equations and Applications
  September 2011 İzmir University of Economics (co-organizer)
- 2nd Ankara Mathematics Days (co-organizer)
  June 2007, Atılım University

ORGANIZED SEMINARS

- Polish Day at Yaşar University, August 2013
- Co-organizer of İzmir Time Scale Seminars
  2006-2008 Academic Year (weekly organized)

INTERNATIONAL CONFERENCES

- June 2017, Dokuz Eylül University-İzmir, Turkey
  8th International Workshop on Differential Equations and Applications
  Talk:-
- June 2016, Ohrid, Macedonia
  6th Congress of Mathematicians of Macedonia: CMM 2016
  Talk: On continuous dependence of solutions of dynamic equations
- July 2015, Yaşar University-İzmir, Turkey
  7th International Workshop on Differential Equations and Applications
  Talk: On the approximation property of dynamic equations on time scales
- September 2013, İzmir University of Economics-İzmir, Turkey
  6th International Workshop on Differential Equations and Applications
  Talk: Partial Differential Inclusions

- June 2012, Çankaya University-Ankara, Turkey
  The 11th International Workshop on Dynamical Systems and Applications
  Talk: Carathéodory solutions of Sturm-Liouville dynamic equation with a measure of noncompactness in Banach spaces

- July 2008, Bahçeşehir University-İstanbul, Turkey
  14th International Conference on Difference Equations and Applications
  Talk: Positive Solutions of a Second Order m-point BVP on Time Scales

- August 2007, METU, Ankara, Turkey
  ISAAC (International Society for Analysis, its Applications and Computation) Congress 2007
  Talk: Positive Solutions of a Nonlinear Three Point BVP on Time Scales

- June 2005, Bahçeşehir University, İstanbul, Turkey
  The First International Workshop on Dynamic Equations on Time Scales
  Talk: Comparison Theorems for Self-Adjoint Dynamic Equations
        Measure Theory on Time Scales

- September 2003, Izmir Institute of Technology, Izmir, Turkey
  International Summer School on Elliptic Curve Essentials and Cryptography

- July 2003, Imperial College, London, England
  International Mathematica Symposium
  Talk: Derivative & Integration on Time Scales with Mathematica

- June 2003, Saint Petersburg, Russia
  International Conference on Computer Science
  Talk: Basic Calculus on time Scales with Mathematica

NATIONAL CONFERENCES AND WORKSHOPS

- May 2016, Dokuz Eylül University-İzmir, Turkey
  3. Kadın Matematikçiler Sempozyumu
  Talk:-

- May 2012, Bilkent University, Ankara, Turkey
  7th Ankara Mathematics Days
  Talk: Dinamik Cauchy Probleminin Zayıf Çözümleri (In Turkish)

- September 2011, İzmir University of Economics-İzmir, Turkey
  5th Workshop on Differential Equations and Applications
  Talk: The Dynamic Cauchy Problem in Banach Spaces

- June 2010, TOBB University of Economy and Technology, Ankara, Turkey
  5th Ankara Matematik Günleri

- April 2010, Yeditepe Üniversitesi-İstanbul, Turkey
  4th Workshop on Differential Equations and Applications
  Talk: Positive Solutions of Nonlinear m-point BVP on Time Scales

OTHER GIVEN TALKS

- February 2015, Hacettepe University, Ankara, Turkey
  Talk: On the approximation property of dynamic equations on time scales

- June 2014, University of Ostrava, Ostrava, Czech Republic
  Talk: On continuous dependence of solutions of dynamic equations

- June 2010, Celal Bayar University-Manisa, Turkey
  Talk: Cauchy dinamik denkleminin zayıf çözümleri üzerine (in Turkish)

- May 2006, University of Patras, Patras, Greece
  Talk: Oscillation theory for second order dynamic equations

SUPERVISED GRADUATE THESIS

- Ecem Karagözoğlu, Counterexamples in Analysis, Yasar University, 2017.
- Sirelgün Albay, Aq-Laplace Dönüşümü, Yaşar University, 2016.
- Elif Balıkçı, Fark Denklemlerinin çözülebilirliği üzerine, Yaşar University, 2016.
- Simten Kahraman, Sturm Liouville Fark Denklemleri, Yaşar University, 2016.
- Tuba Taçyıldız, Dynamic Inequalities on Time Scales, Yasar University, 2016.
- Tuba Haşlaman, Zaman Skalasında Dinamik Denklemlerle Diferansiyel Problemlere Yaklaşımlar, Yasar University, 2015.
- Rasim Topraktepe, Tekil volterra integral denklemlerinin pozitif çözümleri, Yasar University, 2014.
- Mehmet Şengün, İkinci Dereceden Volterra İntegral Denklemlerinin Azalmayan Çözümlerinin Varlığı, Yasar University, 2014.
- Hilmi Orçun Bilgen, Fredholm İntegral Denklemlerinin Üç Pozitif Çözümü, Yasar University, 2014.
- Duygu Soyoğlu, Weak Solutions of Cauchy Dynamic and Hyberbolic Partial Dynamic Equations in Banach Spaces, Yaşar University, 2012.
- Hande Akşehirli, Sturm-Liouville karşılaştırma ve salınımlılık teoremleri üzerine, Yaşar University, (in progress)
- Gözde Katipoğlu, Dinamik denklem çözümlerinin sürekli yakınsaklığı, Yaşar University, (in progress, PhD. thesis)
- Dennis Williams Okala, An application of dynamic equations in industrial processes, Yaşar University, (in progress)

PROJECTS

- [February 2005 -February 2007] TUBITAK Career Research Project
  Measure and Probability on Time Scales

- [2004 -2005] IZTECH Research Project
  Measure and Probability on Time Scales

TEACHING

- Calculus I-II-III
- Basic Mathematics I-II
- Basic Linear Algebra
- Differential Equations
- Analytic Geometry
- Calculus on Time Scales
- Complex Analysis
- Finite Mathematics
- Advanced Calculus I-II
- Functional Analysis
- Graduation Project

CURRENT RESEARCH INTERESTS

- Theory of Differential and Difference Equations
- The concept of Time Scales
- Theory of Dynamic Equations
- Fixed Point and Index Theory

FOREIGN LANGUAGE PROFICIENCY

- Toefl: 78 (Internet Based(IBT))

CURRENT PROFESSIONAL MEMBERSHIPS

- American Mathematical Society (AMS)
- International Society of Difference Equations (ISDE)
- Young Mathematicians' Network (YMN)

COMPUTER SKILS

- LaTeX
- Mathematica
- Mapple

REFERENCES UPON REQUEST

- Assoc. Prof. Dr. F. Serap Topal
  Ege University Department of Mathematics
  f.serap.topal@ege.edu.tr
- Prof. Dr. Mieczyslaw Cichon
  Adam Mickiewicz University Department of Mathematics
  mcichon@amu.edu.pl