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EDUCATION

2010-2017	METU, Mathematics, Ph.D.
2007-2010	Abant İzzet Baysal University, Mathematics, M.S.
2001-2006	Abant İzzet Baysal University, Mathematics, B.S.

ACADEMIC POSITIONS

May/2018 present	Assistant Professor, Department of Mathematics, Atılım University, Turkey
September/2017 May/2018	Part Time Faculty Instructor, Department of Mathematics, Atılım University, Turkey
September/2017 January/2018	Part Time Faculty Instructor, Basic Sciences Unit, TED University, Turkey
January/2017 August /2017	Adjunct Faculty Instructor, Department of Mathematics METU, Turkey
January/2017 June/2017	Part Time Faculty Instructor, Department of Mathematics Bilkent University, Turkey
December/2011 December/2016	Research Assistant, Department of Mathematics METU, Turkey
December/2006 December/2011	Research Assistant, Department of Mathematics Abant İzzet Baysal University, Turkey

ADMINISTRATIVE DUTIES

July/2020- present	Vice Chair of the Department of Mathematics, Atılım University
May/2021- present	Dean of Students-Faculty Representative, Atılım University

RESEARCH INTERESTS

1	Impulsive Differential Equations
2	Differential and Integral Inequalities
3	Dynamic Equations on Time Scales
4	Difference Equations

PUBLICATIONS

1	S. D. Akgöl , Asymptotic Equivalence of Impulsive Dynamic Equations on Time Scales, Hacettepe J. Math. Stat. (<i>accepted</i>)
2	S. D. Akgöl , A. Zafer, Wong Type Oscillation Criteria for Nonlinear Impulsive Differential Equations, Math. Meth. Appl. Sci., (<i>accepted</i>)
3	S. G. Georgiev, S. D. Akgöl , M. E. Kuş, Existence of Solutions for Third Order Multi Point Impulsive Boundary Value Problems on Time Scales, Miskolc Math. Notes, (<i>accepted</i>)
4	S. D. Akgöl , Oscillation of impulsive linear differential equations with discontinuous solutions, Bull. Aust. Math. Soc. vol. , no. , 1–13, (2022). (published online) doi:10.1017/S0004972722000429
5	S. G. Georgiev, S. D. Akgöl , M. E. Kuş, Existence of solutions for odd-order multi-point impulsive boundary value problems on time scales Georgian Math. Journal, 29, no. 4, 505–513, (2022).
6	S. D. Akgöl , A. Zafer, Leighton and Wong type oscillation theorems for impulsive differential equations, Appl. Math. Lett., 121 107513, (2021).
7	S. D. Akgöl , A. Zafer, Prescribed asymptotic behavior of second-order impulsive differential equations via principal and nonprincipal solutions, J. Math. Anal. Appl., 503-2 125311, (2021).
8	S. D. Akgöl , A. Özbekler, De la Vallée Poussin Inequality for Impulsive Differential Equations, Math. Slovaca, 71 no. 4, 881–888, (2021).
9	S. D. Akgöl , A. Zafer, Asymptotic Integration of Second-order Impulsive Differential Equations, Appl. Math. Lett., 76, 1-5, (2018).
10	S. Dogru. Akgöl , A. Zafer, Asymptotic Representation of Solutions for Second-Order Impulsive Differential Equations, Appl. Math. Comput., 333, 53-60, (2018).
11	Akgöl SD , Zafer A. Boundary value problems on half-line for second-order nonlinear impulsive differential equations. Math. Meth. Appl. Sci. 2018;41:5459–5465.
12	S. D. Akgöl , A. Zafer, A Fixed Point Approach to Singular Impulsive Boundary Value Problems, AIP Conference Proceedings 1863, 140003 (2017). (Proceeding-Scopus indexed).
	S. D. Akgöl , Existence of Solutions for Impulsive Boundary Value Problems on Infinite Intervals, (<i>submitted</i>).
	S. D. Akgöl , Oscillation of Impulsive Dynamic Equations via Nonprincipal Solutions, (<i>submitted</i>).

CONFERENCE PRESENTATIONS

International Meetings:	
1	New Oscillation/ Nonoscillation Criteria for Impulsive Differential Equations with Discontinuous Solutions, 4th International Conference on Pure and Applied Mathematics (ICPAM-VAN 2022), virtual conference, June 22-23, 2022
2	Asymptotic Representation of Solutions of Third-Order Nonlinear Impulsive Differential Equations, 8th International IFSs and Contemporary Mathematics Conference (IFSCOM-2022), virtual conference, Turkey, June 16-19, 2022.
3	Disconjugacy of Linear Impulsive Differential Equations, 6th International IFSs and Contemporary Mathematics Conference (IFSCOM-2019), Mersin, Turkey, June 7-10, 2019.
4	De la Vallee Poussin Inequality for Impulsive Differential Equations, Dynamical System Modeling and Stability Investigations (DSMSI-2019), Kiev, Ukraine, May 22-24, 2019.

5	On a New Vallee Poussin Type Inequality for Linear Differential Equations Under Impulse Effect, International Workshop on Dynamical Systems and Applications (IWDSA-2019): In Memory of Prof. Dr. Aydın Tiryaki, Ankara, Turkey, May 3-4, 2019.
6	Asymptotic Integration of Impulsive Differential Equations via Cauchy Functions, 8th International Workshop on Differential Equations and Applications (WDEA-2017), Aydın, Turkey, June 2-4, 2017.
7	A Fixed Point Approach to Singular Impulsive Boundary Value Problems, 14th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2016), Rhodes, Greece, September 19-25, 2016.
8	Long Time Behaviour of Discontinuous Impulsive Differential Equations via Principal and Nonprincipal Solutions, International Conference on Applied Mathematics and Analysis (ICAMA2016), in Memory of Gusein Sh. Guseinov (Hüseyin Şirin Hüseyin) 1951-2015, Atılım University, Ankara, Turkey, July 11-13, 2016.
9	A General Result on Asymptotic Integration of Impulsive Differential Equations, International Conference on Pure and Applied Mathematics (ICPAM 2015), Van, Turkey, August 25-28, 2015.
10	Existence of Principal and Nonprincipal Solutions for Impulsive Differential Equations with Discontinuous Solutions, 14th International Workshop on Dynamical Systems and Applications (IWDSA 2015), Gazi University, Ankara, Turkey, June 29, 2015.
11	Asymptotic Representation of the Solutions for a Second Order Nonlinear Impulsive Differential Equation, International Conference on Differential & Difference Equations and Applications, Military Academy, Amadora, Portugal, May 18-22, 2015.
12	Existence of Monotone Solutions for a Class of Nonlinear Impulsive Differential Equations, the 9th International Conference on Differential Equations and Dynamical Systems, Dallas, Texas, USA, May 14-16, 2015.
National Meetings:	
1	Süreksiz Çözümlü İmpulsif Diferensiyel Denklemler için Salınım Teoremleri, 33. Ulusal Matematik Sempozyumu, İstanbul Üniversitesi, çevrimiçi sempozyum, 31 Ağustos – 3 Eylül, 2021.
2	Süreksiz Çözümlü İmpulsif Diferensiyel Denklemlerin Küçük ve Büyük Çözümleri ve Uygulamaları, 29. Ulusal Matematik Sempozyumu, Mersin Üniversitesi, Mersin, Türkiye, 28-31 Ağustos, 2016.
3	İmpulsif Diferensiyel Denklemlerde Çözümlerin Uzun Zaman Davranışı, 11. Ankara Matematik Günleri, Ankara Üniversitesi, Ankara, Türkiye, 26-27 Mayıs 2016,
4	İmpulsif Diferensiyel Denklemlerin Asimptotik Çözümleri, 10. Ankara Matematik Günleri, ODTÜ, Ankara, Türkiye, 11-12 Haziran 2015.
5	İkinci Mertebeden Diferensiyel Denklemlerin Asimptotik İntegrasyonu, Dinamik Sistemler Seminerleri, ODTÜ, Ankara, Türkiye, 9 Mayıs 2015.
6	İkinci Mertebeden İmpulsif Diferensiyel Denklemlerin Asimptotik İntegrasyonu, Dinamik Sistemler Seminerleri, ODTÜ, Ankara, Türkiye, 10 Mayıs 2014
7	Kesirli Mertebeden Diferensiyel Denklemler: Lineer Denklemler için Başlangıç Değer Problemleri-1, ODTÜ, Ankara, Türkiye, 4 Mayıs 2013.
8	Kesirli Mertebeden Diferensiyel Denklemler: Lineer Denklemler için Başlangıç Değer Problemleri-2, ODTÜ, Ankara, Türkiye, 20 Mayıs 2013.

PROFESSIONAL SERVICE

1	(<i>Book Review</i>) Differential Equations & Linear Algebra, Edwards et. al., 4th Global ed., Pearson
2	(<i>Book Review</i>) Linear Algebra and Its Applications, Lay et. al., 6th Global ed., Pearson
3	(<i>Book Review</i>) Precalculus: Graphical, Numerical, Algebraic, Demana et. al., 10th Global ed. Pearson

COURSES GIVEN (at Atılım University)

1	Math 151/157 Calculus I/Extended Calculus I
2	Math 152/158 Calculus II/Extended Calculus II
3	Math 262 Ordinary Differential Equations
4	Math 251 Advanced Calculus I
5	Math 252 Advanced Calculus II
6	Math 276 Differential Equations
7	Math 467 Dynamical Systems and Chaos
8	Math 587 Applied Mathematics
9	Math 589 Graduation Seminar

THESES SUPERVISED

1	M. Eymen KUŞ, (<i>Co-Supervisor: Prof. Svetlin G. Georgiev</i>) Existence of Solutions for Higher Order Impulsive Boundary Value Problems on Time Scales (June 2022).
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