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PERSONAL

Date of Birth	March 12, 1974
Place of Birth	Ankara, Turkey

EDUCATION

1999 - 2005	Middle East Technical University, Mathematics, Ph.D.
1996 - 1999	Middle East Technical University, Mathematics, M.S.
1991 - 1995	Middle East Technical University, Mathematics Education, B.S.

ACADEMIC POSITIONS

10/2017	Professor, Department of Mathematics, Atilim University, Turkey
03/2012 - 10/2017	Associate Professor, Department of Mathematics, Atilim University, Turkey
02/2006 - 03/2012	Assistant Professor, Department of Mathematics, Atilim University, Turkey
09/2004 - 02/2006	Instructor, Department of Mathematics, Atilim University, Turkey
09/1996 - 06/2004	Research Assistant, Department of Mathematics, Middle East Technical University, Turkey

ADMINISTRATIVE DUTIES

06/2012	Member of the Faculty Board, Atilim University

HONORS & AWARDS

1	(September 2014–September 2015) Post-doctoral fellowship award by The Scientific and Technological Research Council of Turkey (TUBİTAK) to perform a research in Texas A&M University-Kingsville, Kingsville, TX, USA.
2	(2012) “Year 2012, METU Prof. Dr. Mustafa N. PARLAR Education and Research Foundation, Research Encouragement Award”.
3	(September - December, 2011) Post-doctoral fellowship from Masaryk University, Faculty of Science, Department of Mathematics and Statistics, Brno-Czechia.
4	(2007) “Best PhD. Thesis Award of the Year 2005-2006”, Middle East Technical University.

RESEARCH INTERESTS

1	Ordinary Differential Equations
2	Impulsive Differential Equations
3	Differential Inequalities
4	Difference Equations
5	Functional Differential Equations
6	Integral Equations
7	Partial Differential Equations
8	Fractional Differential Equations

PROFESSIONAL SERVICE

1	Area Editor, Hacettepe Journal of Mathematics and Statistics (HJMS)
2	Area Editor, Turkish Journal of Analysis and Number Theory (TJANT)
3	Area Editor, Applied and Computational Mathematics (ACM)
4	Area Editor, Journal of Mathematical and Statistical Analysis (JMSA)
5	Guest Editor, Turkish Journal of Mathematics (TJM)
6	Area Editor, Science Research Association Journal of Mathematics (SCIREA)

PUBLICATIONS

39	M. Dexiang, A. Özbekler, *Generalized Lyapunov inequalities for a higher-order sequential fractional differential equation with half-linear terms*, Acta Math. Sci. Ser. A (Chin. Ed.), 40, 1537-1551, no. 6, 2020.
38	O. Bazighifan, S.R. Grace, J. Alzabut, A. Özbekler, *New results for oscillatory properties of neutral differential equationswith p-Laplacian like operator*, Miskolc Math. Notes, 21, 631-640, no. 2, 2020.
37	A.G.M. Selvam, J. Alzabut, M. Jacintha, A. Özbekler, *Oscillation results for a class of nonlinear fractional order difference equations with damping term* , J. Funct. Spaces 2020 (2020), 10 pp.
36	Ravi P. Agarwal, A. Denk Oğuz, A. Özbekler, *Lyapunov-type inequalities for Lidstone boundary value problems on time scales*, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. RACSAM, 114 (2020), no. 98, 1--9.
35	A. Özbekler, K. Uslu İşler, *A Sturm comparison criterion for impulsive hyperbolic equations* , Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. RACSAM, 114 (2020), No. 84, 1--10.
34	J. Alzabut, V. Muthulakshmi, A. Özbekler, H. Adıgüzel, *On the oscillation of non-linear fractional difference equations with damping*, Mathematics 7 (687), 1--14, 2019.
33	A. Özbekler, *On the oscillation of discrete Volterra equations with positive and negative nonlinearities*, J. Integral Equations Appl. 30, No. 4, 577-591, 2018.
32	A. Özbekler, *Sub-linear oscillations via nonprincipal solution*, Math. Reports, 20 (70), 319--328, 2018.
31	N. Mostepha, A. Özbekler, *Forced oscillation of sublinear impulsive differential equations via nonprincipal solution* , Math. Methods Appl. Sci., 41, 3335-3344, (2018).
30	A. Özbekler*, Forced oscillation of delay difference equations via nonprincipal solution*, Math. Methods Appl. Sci., 41, 3509-3520, 2018.
29	T. Abdeljawad, Ravi P. Agarwal, J. Alzabut, F. Jarad, A. Özbekler*, Lyapunov-type inequalities for mixed non-linear forced differential equations within conformable derivatives,* J. Inequal. Appl. 2018:143, 1-17, 2018.
28	A. Özbekler*, Sturmian comparison theory for half-linear and nonlinear differential equations via Picone identity*, Math. Methods Appl. Sci., 40, 3100-3110, 2017.
27	Ravi P. Agarwal, E. Çetin and A. Özbekler, *Lyapunov type inequalities for second-order forced dynamic equations with mixed nonlinearities on time scales*, Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat. RACSAM, 111, 231-246, 2017.
26	Ravi P. Agarwal, A. Özbekler, *Lyapunov type inequalities for mixed nonlinear Riemann-Liouville fractional differential equations with a forcing term*, J. Comput. Appl. Math., 314, 69-78, 2017.
25	A. Özbekler, A. Zafer, *Wong's oscillation theorem for second-order delay differential equations,* Nellini Koliv., 19, 93-100; translation in J. Math. Sciences, 222, 304-311, 2017.
24	Ravi P. Agarwal, A. Özbekler, *Lyapunov type inequalities for nth order forced differential equations with mixed nonlinearities*, Commun. Pure Appl. Anal., 15 2281-2300, 2016.
23	A. Özbekler, *On the oscillation of Volterra integral equations with positive and negative nonlinearities*, Math. Methods Appl. Sci., 39, 1388-1394, 2016.
22	Ravi P. Agarwal, A. Özbekler, *Lyapunov type inequalities for second order forced mixed nonlinear impulsive differential equations*, Appl. Math. Comput., 282, 216-225, 2016.

21	Ravi P. Agarwal, A. Özbekler, *Lyapunov type inequalities for second-order differential equations with mixed nonlinearities*, Analysis, 36, 245-252, 2016.
20	Ravi P. Agarwal, A. Özbekler*, Lyapunov type inequalities for second order sub and super-half-linear differential equations*, Dynam. Syst. Appl., 24, 211-220, 2015.
19	Ravi P. Agarwal, A. Özbekler, *Disconjugacy via Lyapunov and Vall*é*e-Poussin type inequalities for forced differential equations*, Appl. Math. Comput., 265, 456-468, 2015.
18	A. Özbekler, *Picone type formula for half-linear impulsive differential equations with discontinuous solutions*, Math. Methods Appl. Sci., 38, 1592-1600, 2015.
17	Ravi P. Agarwal, A. Özbekler, *Lyapunov type inequalities for even order differential equations with mixed nonlinearities*, J. Inequal. Appl., (2015):142, 1-10, 2015.
16	A. Özbekler, *Sturmian theory for second order differential equations with mixed nonlinearities*, Appl. Math. Comput., 259, 379-389, 2015.
15	A. Özbekler, A. Zafer, *Forced oscillation of second-order impulsive differential equations with mixed nonlinearities*, Differential and Difference Equations, Springer Proceedings in Mathematics and Statistics, 47, 183-195, 2013.
14	A. Özbekler, A. Zafer, *Nonoscillation and oscillation of second-order impulsive differential equations with periodic coefficients*, Appl. Math. Lett., 25, 294-300, 2012.
13	O. Došlý, A. Özbekler and R. Simon Hilscher, *Oscillation criterion for half-linear differential equations with periodic coefficients*, J. Math. Anal. Appl., 393, 360-366, 2012.
12	A. Özbekler, *A proposed geometry problem*, Pi Mu Epsilon Journal, Problem Department Section (Spring 2012), Prb. no: 1255, 2012.
11	A. Özbekler, James S.W. Wong and A. Zafer, *Forced oscillation of second-order nonlinear differential equations with positive and negative coefficients*, Appl. Math. Lett., 24, 1225-1230, 2011.
10	A. Özbekler, A. Zafer*, Oscillation of solutions second order mixed nonlinear differential equations under impulsive perturbations*, Comput. Math. Appl., 61, 933-940, 2011.
9	A. Özbekler, A. Zafer, *Second-order oscillation of mixed nonlinear dynamic equations with several positive and negative coefficients*, in: "Dynamical Systems, Differential Equations and Applications", Proceedings of the 8th AIMS Conference on Dynamical Systems, Differential Equations and Applications" (Dresden, 2010), W.Feng, Z.Feng, M.Grasselli, A.Ibragimov, X.Lu, S.Siegmund, and J.Voigt, editors, Discrete and Continuous Dynamical Systems, Supplement 2011, Pages 1167-1175. American Institute of Mathematical Sciences (AIMS), Springfield, MO, 2011.
8	A. Özbekler, A. Zafer, *Picone type formula for non-selfadjoint impulsive differential equations with discontinuous solutions*, Electron. J. Qual. Theory Differ. Equ., 2010, No. 216, 1-12, 2010.
7	A. Özbekler, A. Zafer, *Principal and nonprincipal solutions of impulsive differential equations with applications*, Appl. Math. Comput., 216, 1158-1168, 2010.

6	A. Özbekler, A. Zafer, *Leighton-Coles-Wintner type oscillation criteria for half-linear impulsive differential equations*, Adv. Dyn. Syst. Appl., 5, 205-214, 2010.
5	A. Özbekler, A. Zafer, *Interval criteria for forced oscillation of super-half-linear differential equations under impulse effect*, Math. Comput. Modelling, 50, 59-65, 2009.
4	A. Özbekler, *Oscillation criteria for second order nonlinear impulsive differential equations*, Further Progress in Analysis, Proceedings of the 6th International ISAAC (International Society for Analysis its Applications and Computation) Congress, (Ankara-TURKEY, August-2007) eds. H.G.W. Begehr, A.O. Celebi and R.P. Gilbert, World Scientific, pp. 545, 2009.
3	A. Özbekler, A. Zafer, *Forced oscillation of super-half-linear impulsive differential equations*, Comput. Math. Appl., 54, 785-792, 2007.
2	A. Özbekler, A. Zafer, *Picone's formula for linear non-selfadjoint impulsive differential equations*, J. Math. Anal. Appl., 319, 410-423, 2006.
1	A. Özbekler, A. Zafer*, Sturmian comparison theory for linear and half-linear impulsive differential equations*, Nonlinear Anal. (TMA), 63, 289-297,2005.

REFEREEING

1	Abstract and Applied Analysis
2	Advances in Difference Equations
3	Analysis
4	Applications and Applied Mathematics
5	Applied Mathematics-A Journal of Chinese Universities
6	Applied Mathematics and Computation
7	Applied Mathematics Letters
8	Boundary Value Problems
9	Bulletin of the Malaysian Mathematical Sciences Society
10	Bulletin of Mathematical Analysis and Applications
11	Cogent Mathematics
12	Communications Faculty of Sciences University of Ankara Series A1 Math. and Statistics
13	Computers and Mathematics with Applications
14	Differential Equations and Applications
15	Differential Equations and Dynamical Systems
16	Discrete Dynamics in Nature and Society
17	Electronic Journal Differential Equations

18	Electronic Journal of Qualitative Theory of Differential Equations
19	European Physical Journal B
20	Hacettepe Journal of Mathematics and Statistics
21	International Journal of Dynamical Systems and Differential Equations
22	Journal of Function Spaces
23	Journal of Inequalities and Applications
24	Journal of King Saud University Science
25	Journal of Mathematical Analysis and Applications
26	Journal of Nonlinear Functional Analysis
27	Mathematica Slovaca
28	Mathematical and Computer Modelling
29	Mathematical Methods in Applied Sciences
30	Mathematics
31	Punjab University Journal of Mathematics
32	Science China Mathematics
33	SprigerPlus
34	Turkish Journal of Analysis and Number Theory
35	Turkish Journal of Mathematics
36	Proceedings of 6th ISAAC (Ankara-Turkey 2007)
37	Proceedings of 7th ICNAAM* (Rethymno - Greece 2009)

CONFERENCE PRESENTATIONS

23	Ravi P. Agarwal, A. Özbekler, *Disconjugacy via Lyapunov and Vallée-Poussin type inequalities for forced differential equations*, Hacettepe University, Ankara, Turkey, December 20, 2017.
22	Ravi P. Agarwal, A. Özbekler, TREPAM* 2017, *Disconjugacy via Lyapunov and Vallée-Poussin type inequalities for forced differential equations*, "1 Decembrie 1918" University of Alba Iulia, Alba Iulia, Romania. July 31 - August 4 2017.
21	Ravi P. Agarwal, A. Özbekler, 8th WDEA* 2017, *Disconjugacy via Lyapunov and Vallée-Poussin type inequalities for forced differential equations*, Dokuz Eylül University, İzmir, Turkey, June 2-4 2017.
20	Ravi P. Agarwal, A. Özbekler, 18th International Conference DSMSI* 2017, *Disconjugacy via Lyapunov and Vallée-Poussin type inequalities for forced differential equations*, National Committee of Ukraine by Theoretical and Applied Mechanics, Taras Shevchenko National University of Kyiv, Ukraine, May 24-26 2017.

19	Ravi P. Agarwal, A. Özbekler, 11. Ankara Mathematics Days (11. AMG*), Disconjugacy via Lyapunov and Vallée-Poussin type inequalities for forced differential equations Ankara University, Turkey, May 26-27, 2016.
18	Ravi P. Agarwal, A. Özbekler, O.D.Equations Brno2016 on the occasion of the 60th birthday of Professor Ondrej Došlý, *Disconjugacy via Lyapunov and Vallée-Poussin type inequalities for forced differential equations*, Faculty of Science, Masaryk University, Brno, Czechia, June 6-8, 2016,
17	A. Özbekler, ICAMA* 2016 in the Memory of Professor Gusein Sh. Guseinov (Hüseyin Şirin Hüseyin), *Sturmian theory for second-order differential equations with mixed nonlinearities*, Atilim University, Ankara, Turkey. July 11-13, 2016.
16	A. Özbekler, ICAA* 2016, *Sturmian theory for second-order differential equations with mixed nonlinearities*, Ahi Evran University, Kırşehir, Turkey. July 12-15, 2016.
15	Ravi P. Agarwal, A. Özbekler, The 9th DEDS*, *Disconjugacy via Lyapunov and Vallée-Poussin type inequalities for forced differential equations*, Texas A&M University-Commerce, University Center Dallas, Dallas, TX, USA, May 14-16, 2015
14	Ravi P. Agarwal, A. Özbekler, *Disconjugacy via Lyapunov and Vallée-Poussin type inequalities for forced differential equations*, Texas A&M University-Kingsville, Department of Mathematics, TX, Kingsville, USA. April 8, 2015.
13	A. Özbekler, A. Zafer, International Congress in Honour of Professor Ravi P. Agarwal, Nonprinciple solutions and extensions of Wong's oscillation criteria to forced second-order impulsive and delay differential equations, Uludağ University, Bursa, Turkey, June 2014.
12	A. Özbekler, ICNDDE* 2014, *Sturmian theory for second order differential equations with mixed nonlinearities*, Side, Antalya, Turkey. May 2014.
11	A. Özbekler, A. Zafer, 6th WDEA* 2013, *Wong's type oscillation theorem for second-order delay differential equations*, Izmir University of Economics, Izmir, Turkey, September 2013.
10	A. Özbekler, A. Zafer, 26. National Mathematics Symposium (26. UMS*), *A Wong type oscillation theorem for second-order delay differential equations via nonprincipal solutions*, Dicle University, Diyarbakır, Turkey, September 2013.
9	A. Özbekler, A. Zafer, The 12th IWDSA*, *Forced oscillation of second-order delay differential equations via nonprinciple solution*, Atilim University, Ankara, Turkey. August 12-14, 2013.
8	A. Özbekler, A. Zafer, 8. Ankara Mathematics Days (8. AMG*), *Forced oscillation of second-order delay differential equations via nonprinciple solution* Çankaya University, Ankara, Turkey, June 13-14, 2013.
7	A. Özbekler, A. Zafer, 16th International Conference DSMSI* 2013, *Forced oscillation of second-order delay differential equations via nonprinciple solution*, Department of Complex System Modeling, Faculty of Cybernetics, Taras Shevchenko National University of Kiev, Ukraine, May 2013.
6	O. Došlý, A. Özbekler and R. Simon Hilscher, The 11th IWDSA*, *Oscillation criterion for half-linear impulsive differential equations with periodic coefficients*, Çankaya University in Ankara, Turkey, June 2012.
5	A. Özbekler, A. Zafer, *Nonprincipal solutions of impulsive differential equations with applications and recent developments*, Masaryk University in Brno, Czechia, November 2011.
4	A. Özbekler, A. Zafer, 8th ISAAC, *A nonoscillation criterion for half-linear impulsive differential equations with periodic coefficients*, Peoples' Friendship University of Russia, in Moscow, Russia. Aug 2011.
3	A. Özbekler, A. Zafer, 8th AIMS*, ICDSDEA, Forced oscillations of super-linear and sub-linear differential equations with positive and negative coefficients, Technical University of Dresden, in Dresten, Germany, May 2010

2	A. Özbekler, A. Zafer, ISAAC*, *Principal and non-principal solutions of impulsive differential equations with applications*, Imperial College in London, UK, July 2009.
1	A. Özbekler, A. Zafer, ISAAC*, *Oscillation criteria for second order non-linear impulsive differential equations,* METU*, Ankara, Turkey, August 2007.

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	80 (by August 11, 2018)
H-index (ISI Web of Science):	8 (by August 11, 2018)

COURSES GIVEN

1	Matematiksel Analize Giriş I (MAT101 (T))
2	Introduction to Calculus I (MATH101)
3	Analytic Geometry I (MATH121)
4	Analytic Geometry II (MATH122)
5	Mathematical Analysis I (MATH135)
6	Mathematical Analysis II (MATH136)
7	Calculus I (MATH151)
8	Calculus II (MATH152)
9	Extended Calculus I (MATH157)
10	Extended Calculus II (MATH158)
11	Analytic Geometry (MATH172)
12	Discrete Mathematics and Combinatorics (MATH221)
13	Mathematical Analysis III (MATH235)
14	Advanced Calculus I (MATH251)
15	Advanced Calculus II (MATH252)
16	Ordinary Differential Equations (MATH262)
17	Linear Algebra (MATH275)
18	Differential Equations (MATH276)
19	Introduction to Theoretical Aspects of Differential Equations (MATH360)
20	Partial Differential Equations (MATH378)

21	Seminar Studies (MATH411)
22	Applied Mathematics (MATH463)
23	Dynamical Systems & Chaos (MATH467)
24	Theory of Difference Equations (MATH485)
25	Theory of Ordinary Differential Equations (MATH562)
26	Applied Mathematics (MATH587)

THESES SUPERVISED

1	PhD Thesis, (Kübra Uslu İşler) Sturmian Theory for Impulsive Partial Differential Equations, Abant İzzet Baysal University. (Started at September 2016)
2	PhD Thesis, (Sibel Doğru Akgöl) Asymptotic Integration of Impulsive Differential Equations, Middle East Technical University, January 2017. (as Co-Supervisor)

METU*: Middle East Technical University, **ISAAC***: International Society for Analysis its Applications and Computation, **AIMS***: American Institute of Mathematical Sciences**, IWDSA***: International Workshop on Dynamical Systems and Applications, **ICNAAM***: International Conference of Numerical Analysis and Applied Mathematics, **DSMSI***: Dynamical System Modeling and Stability Investigations, **UMS***: Ulusal Matematik Sempozyumu, **AMG***: Ankara Matematik Günleri, **WDEA***: International Workshop on Differential Equations and Applications**, ICNDDE***: International Conference on Nonlinear Differential and Difference Equations; Recent Developments and Applications, **DEDS***: International Conference on Differential Equations and Dynamical Systems, I**CAMA***: International Conference on Applied Mathematics and Analysis**, ICAA***: International Conference on Analysis and its Applications, **TREPAM***: Recent Trends in Pure and Applied Mathematics.