

Ph.D. Mathematician, Melike Aydogan

Istanbul Technical University | melikeaydogan43@gmail.com

Professional Overview

Associate Professor of Mathematics with areas of complex analysis in Geometric Function Theory and Applications with focus on Harmonic mappings, Log-harmonic mappings, Analytic and Univalent Functions, Fractional Calculus and Hypergeometric Functions.

Core Qualifications

Active Listening, Classroom Management, Researcher, Reviewer for more than 15 journals

Teaching, Team Building, Time Management, Writing, Editorial board member of 3 journals

Research Project and Links

- Principal Investigator funded by Isik University titled as "Univalent Functions and Generalized Hypergeometric Functions in Nano and Micro Structures", BAP project no: 14B102
- <https://www.brockport.edu/math/faculty/aydogan.html>
- <http://melikeaydogan43.wix.com/melikeaydogan>
- <http://www.isikun.edu.tr/en/melike-aydogan>
- https://www.researchgate.net/profile/S_Aydogan

Educational Background

Ph.D., Mathematics Istanbul Kultur University — Istanbul, Turkey	2009
Master of Science, Mathematics Istanbul Kultur University — Istanbul, Turkey	2006
Bachelors, Mathematics Istanbul University — Istanbul, Turkey	2001
High School Diploma, Mathematics Terakki Vakfi High Schools — Istanbul, Turkey	1997

Thesis/Dissertation

Some Results On Janowski Starlike Log-harmonic Mappings Of Complex Order α
Advisor: Prof. Yasar Polatoglu

Employment History

Associate Professor Istanbul Technical University — Istanbul, Turkey	Sep 2017 -still
Associate Professor Isik University — Istanbul, Turkey	Sep 2016 to 2017

Visiting Assistant Professor State University of New York, College at Brockport — Rochester, NY	Sep 2015 to 2016
Assitant Professor Isik University — Istanbul, Turkey	Sep 2011 to 2015
Assistant Professor Istanbul Yeni Yuzyil University — Istanbul, Turkey	Jan 2010 to May 2011

Fellowships and Awards

The Scientific and Technological Research Council of Turkey Awards from 2011 to 2016 more than ten times for high quality papers in recognized journals

Journal Publications

- 1) **M. Aydoğan** and Y. Polatoglu ; 'Application of Subordination Principle to Log- Harmonic Alpha-Spirallike Mappings', FCAA Journal, Fractional Calculus Applied Analysis, ISSN 1311-0454, Vol 13, No 4, pp 361-366, 2011.
- 2) M. Nunokawa, S. Owa, E. Y. Duman and **M. Aydoğan**, 'Some Properties for Analytic Functions Concerning with Miller and Mocanu Result', Computer and Mathematics with Applications, 61 (2011) 1291-1295 , 2011.
- 3) N. Uyanik , **M. Aydoğan** and S. Owa, "Extensions of sufficient conditions for starlikeness and convexity of order α ", Applied Mathematics Letters, Vol 24, issue 8, 1393-1399, 2011.
- 4) **M. Aydoğan**, 'Some results about log-harmonic mappings', International Journal of the Physical Sciences , Vol. 6(5), pp. 1549-1551, 2011.
- 5) Z. Abdulhadi and **M. Aydoğan**, "Integral means and arclength inequalities for typically real log-harmonic mappings ", Applied Mathematics Letters, Vol. 25, Issue1, January 2012, pp. 27-32, 2012.
- 6) **M. Aydoğan**, A. Yemisci and Y. Polatoglu , "Some Properties of Starlike Harmonic Mappings", Journal of Inequalities and Applications , 2012.
- 7) **M. Aydoğan**, E. Y. Duman, Y. Polatoglu and Y. Kahramaner, "Harmonic Functions for which Second Dilatation is α - spiral", Journal of Inequalities and Applications , 2012:262 doi:10.1186/1029-242X-2012-262, 2012.
- 8) M. Nunokawa, **M. Aydoğan**, K. Kuroki, I. Yildiz and S. Owa, "Some Properties Concerned with Close-to-Convexity of Certain Analytic Functions", Journal of Inequalities and Applications, 2012:245 doi:10.1186/1029-242X-2012-245, 2012.
- 9) **M. Aydoğan**, "Some Results on a Starlike Log-harmonic Mappings of Order α ", Journal of Computational and Applied Mathematics. <http://dx.doi.org/10.1016/j.cam.2013.07.008> 2014:256, pp 77-82 , 2012.
- 10) H. E. O. Ucar and **M. Aydoğan**, "Some Inequalities which hold for Starlike Log-harmonic Mappings of order α ", Journal of Computational Analysis and Applications, Vol. 16, No.3, pp. 478-485. ISSN:1521-1398 PRINT, 1572-9206, 2014.
- 11) Y. Polatoglu, E. Y. Duman and **M. Aydoğan**, "A Certain Class of Harmonic Mappings Related to Functions of Bounded Boundary Rotation", Journal of Computational Analysis and Applications, Vol. 16, No.4, pp. 678-686, 2014.
- 12) Y. Polatoglu, E. Y. Duman, Y. Kahramaner and **M. Aydoğan**, "Quasiconformal Harmonic Mappings Related to Starlike Functions", Journal of Computational Analysis and Applications, Vol. 16, No.5, pp. 955-963 , 2014.
- 13) **M. Aydoğan** and Y. Polatoglu " A Certain Class of Starlike Log-Harmonic Mappings", Journal of Computational and Applied Mathematics, Volume: 270, Pages: 506-509, 2014.
- 14) Y. Kahramaner, Y. Polatoglu and **M. Aydoğan**, "Harmonic Mappings Related to Janowski Starlike Functions", Journal of Computational and Applied Mathematics, Volume: 270 Pages: 564-570, 2014.
- 15) **M. Aydoğan**, Y. Kahramaner and Y. Polatoglu "Harmonic Mappings Related to the M -fold Starlike Functions " Applied Mathematics and Computation, accepted. doi: 10.1016/j.amc.2014.10.016
- 16) Y. Polatoglu, **M. Aydoğan** and Y. Kahramaner, "On the class of Harmonic Mappings which is Related to the class of Bounded Boundary Rotation", Applied Mathematics and Computation, accepted. doi: 10.1016/j.amc.2014.10.055
- 17) **M. Aydoğan** "Notes on Harmonic Functions for which the second Dilatation is α -spiral" Journal of Computational Analysis and Applications, Vol. 18, No.6, pp. 1111-1121 , 2015. <http://www.eudoxuspress.com/images/TOC-2015-JOCAA-VOL-18.pdf>
- 18) Y. Polatoglu, Y. Kahramaner and **M. Aydoğan**, "Harmonic Mappings for which Co-Analytic Part is Close-to-Convex Function of Order b ", Journal of Inequalities and Applications, Jan.

19) H.Esra Ozkan Ucar , Y. Polatoglu and **M.Aydogan**, "An Investigation of the Certain Class of Multivalent Harmonic Mappings", Journal of Computational Analysis and Applications, JOCAAA- 42-2016, VOL. 20, NO. 1, 2016, pp. 480-487.

20) **M. Aydogan**, "Some Results on Janowski Starlike Log-Harmonic Mappings", General Mathematics, Vol 17, No.4, 171-183 pp., 2009.

21) S. Owa, Y. Polatoglu, E. Yavuz and **M. Aydogan**, "New Subclasses of Certain Analytic Functions", The Southeast Asian Bulletin of Mathematics , SEAMS, Vol 34, 451-459 pp. , 2010.

22) **M. Aydogan**, "Some Special Properties of Log-Harmonic Mappings", International Journal of Applied Mathematics and Applications, 3(1), pp.43-48, ISSN:0973-5844, 2011.

23) Y. Polatoglu, **M. Aydogan** and A. Yemisci, "Growth Theorem and the Radius of Close-to-Spirallike Functions", Mathematica Balkanica, 211-219 pp, Vol. 26, Fasc. 14, 2012.

24) A. Yemisci, Y. Polatoglu and **M. Aydogan** , "Distortion Theorem and the radius of Convexity for Janowski Robertson functions" ,Stud. Univ. Babes-Bolyai Math. 57, No. 2, 291-294 pp., 2012.

25) **M. Aydogan**, "Some Results on Janowski Close-to-Convex Mappings", Mathematica Aeterna, International Journal for Pure and Applied Mathematics, ISSN 1314-3344, no. 2, 171 - 176 pp , 2012.

26) **M. Aydogan**, "Important Results on Janowski Starlike Log-Harmonic Mappings of Complex order b", Mathematica Aeterna, International Journal for Pure and Applied Mathematics, ISSN 1314-3344, no. 2, 163 - 170 pp. , 2012.

27) A. Sen, **M. Aydogan** and Y. Polatoglu, "Distortion Estimate and the radius of starlikeness of Janowski Close-to-Star Functions", Theory and Applications of Mathematics & Computer Science, ISSN 2067-2764, Vol 1, (2) , 89-92 pp, 2012.

28) **M. Aydogan**, E. Y. Duman and S. Owa, "Notes on Starlike log-harmonic Functions of Order α ", Int. Journal of Math. Analysis, Hikari , 19-29 pp., ISSN :1312-8876, 2013.

29) **M. Aydogan**, "Some Applications of Log-harmonic Starlike Function of Complex Order", International Journal of Scientific Computing , 18-21 pp., ISSN: 0973-578X, 2012.

30) **M. Aydogan**, "Some Results on a Subclass of α -quazi Spirallike Mappings", Mathematica Aeterna , 669-674 pp., 2012 .

31) **M. Aydogan**, A. Yemisci and Y. Polatoglu, "Generalization of close-to-star functions", General Mathematics , ISSN:1221-5023, 2012.

32) H. E. Ozkan, A.Yemisci, **M. Aydogan** and Y. Polatoglu "Harmonic Functions for which second dilatation has positive real part", Advances in Mathematics, Sci. Journal , pp. 59-63, ISSN: 1857-8365, UDC:517.57, 2012.

33) **M. Aydogan**, Y. Kahramaner and Y. Polatoglu, " Close-to-Convex Functions Defined by Fractional Operator", Applied Mathematical Sciences, , Vol. 7, no. 56, 2769 - 2775, 2013.

34) **M. Aydogan**, Y. Polatoglu and Y. Kahramaner, "Harmonic Mappings Related to Janowski Convex Functions of Complex order b", International Journal of Mathematical Analysis, Vol. 7, no. 30, 1451 - 1459, 2013.

35) **M. Aydogan**, "Harmonic Mappings Related to Starlike Function of Complex Order α " , TWMS.J. App.Eng.Math. V.4,No.1, pp.7-15, 2014.

- 36) D. Varol, **M. Aydoğan** and S.Owa "Some results on a Subclass of Harmonic Mappings of order α ", TWMS.J.App.Eng.Math.V.4,No.1, pp.104-109, 2014.
- 37) **M. Aydoğan**, "Some Results on Harmonic Mappings Related to Janowski Alpha Spirallike Functions", Mathematical Methods in Engineering and Economics, pp. 39-44. ISBN: 978-1-61804-230-9. 2014.
- 38) D. Varol, **M. Aydoğan** and Y.Polatoglu, "Notes on Bounded Harmonic Mappings Related to Starlike Functions", Computers, Automatic Control, Signal Processing and Systems Science, pp. 17-22, ISSN: 1790-5117, ISBN: 978-1-61804-233-0, 2014.
- 39) **M. Aydoğan**, "Some Results on Janowski Convex and Janowski Close-to-Convex Functions", Advances in Applied and Pure Mathematics, pp. 133-136, 2014.
- 40) D. Varol, **M. Aydoğan** and Y. Polatoglu, "Bounded harmonic mappings related to starlike functions", AIP Conf. Proc. 1602,644, <http://dx.doi.org/10.1063/1.4882553>, 2014.
- 41) **M. Aydoğan** and Y. Polatoglu, "Quasiconformal harmonic mappings related to Janowski alpha-spirallike functions", AIP Conf. Proc. 1602, 779, <http://dx.doi.org/10.1063/1.4882574>, 2014.
- 42) **M. Aydoğan** and D. Varol, "Multivalent Harmonic Mappings", Mathematics and Computers in Science and Industry, ISBN: 978-1-61804-247-7, pp. 114-117, 2014.
- 43) S. Owa, **M. Aydoğan** and D.Ozturk, "Some Properties of Certain Non-analytic Functions", Advances in Mathematics Sci Journal 3, pp. 109-115, ISSN: 1857-8365, 2014.
- 44) **M. Aydoğan**, H. Esra Ozkan Ucar ve Yasar Polatoglu, "Harmonic Mappings Related to the Bounded Boundary Rotation", Mathematical Methods in Science and Engineering series 37, ISSN:2227-4588, ISBN: 978-1-61804-256-9, pp. 34-36, 2014.
- 45) **M. Aydoğan**, Arzu Yemisci and Yasar Polatoglu, "Notes on Generalization of Close-to-Star Functions", Recent Advances in Computational Mathematics, pp. 18-22, 2015.
- 46) Y.Polatoglu, Y.Kahramaner, E. Ozkan Ucar and **M. Aydoğan**, "Multivalent Harmonic Functions For Which Analytic Part is Multivalent Convex Functions", Recent Advances in Computational Mathematics, pp. 62-66, 2015.
- 47) **M. Aydoğan**, Y. Polatoglu, H.Esra Ucar, A.Yemisci and Y. Kahramaner "Quasi-conformal Harmonic Mappings Related To The Janowski Starlike Functions", New Developments in Pure and Applied Mathematics, ISSN: 2227-4588, ISBN: 978-1-61804-287-3, pp. 135-139,16.03.2015.
- 48) Entisar El-Yagubi, Maslina Darus and **Melike Aydoğan** "On a Subclass of p-valent Starlike Functions Associated with a Generalized Hypergeometric Differential operator", New Developments in Pure and Applied Mathematics, ISSN: 2227-4588, ISBN: 978-1-61804-287-3, pp. 159-162, 16.03.2015.
- 49) Santosh B. Joshi and **M. Aydoğan**, "New Subclass of p - valent Harmonic Meromorphic Functions", Theory and Applications of Mathematics & Computer Science, Vol 6, No 1, pp. 51-59, 2016.
- 50) E. Ozkan, **M. Aydoğan** and Y.Polatoglu, "Some New Distortion Theorems for Starlike Harmonic Functions of Order α ", Acta Universitatis Apulensis ISSN: 1582-5329, No. 42/2015 pp. 171-180, doi: 10.17114/j.aua.2015.42.11

International Conference Papers

- 1) **M. Aydoğan**, "Some Results On Janowski Starlike Log-Harmonic Mappings" "Geometric Function Theory and Applications" GFTA' 2009 ROMAIN, Sibiu, Lucian Blaga University, 28 August-2 Sept., GFTA'2009 Proceedings Vol., Vol.17, No.4,171-183, 2009.
- 2) **M. Aydoğan**, "Distortion Properties of Janowski Starlike Log-Harmonic Mappings of Complex order b ", Abstract ID:100346, AUS-ICMS Sharjah, UAE, Sharjah American University, AMS, The First International Conference on Mathematics&Statistics, 341-346 pp, 18-21 March 2010.
- 3) **M. Aydoğan**, "Application of Subordination Principle to Log-Harmonic alpha-Spirallike Mappings", "Geometric Function Theory and Applications", GFTA'2010 Proceedings Vol., pp.146, 26 August-2 Sept. Sofia, Bulgaria.
- 4) A. Yemisci, Y.Polatoglu and **M. Aydoğan**, "Distortion Theorem and the radius of

- Convexity", "Geometric Function Theory and Applications", GFTA'2011 Proceedings Vol. , Babes Bolyai University, **Romania**, 4-8 Sept 2011.
- 5) Y.Polatoglu, **M. Aydoğan** and A.Yemisci, "Growth Theorem and the radius of Close-to-Spirallike ", Transform Methods and Special Functions , TMSF 2011, 6 th International Conference, **Sofia-Bulgaria**, October 20-23 , 2011.
- 6) H. Esra Ozkan, A. Yemisci, **M. Aydoğan** and Y. Polatoglu, "Harmonic Functions For Which Second Dilatation Has Positive Real Part", "Geometric Function Theory and Applications" , "GFTA 2012", 35-37 pp., **Macedonia, Ohrid.**, 27-31 Agust 2012.
- 7) **M. Aydoğan**, "On a subclass of Janowski Starlike Log-Harmonic Mappings" Turkish-Japanese joint symposium on Function Theory and Applications, "FTA -2012", 25-27 pp., Istanbul Kültür University, **Turkey**, 3-6 Sept. 2012.
- 8) **M. Aydoğan**, "Some Results on a Starlike Log-harmonic Mappings of order α ", FEMTEC 2013, Stratosphere, **Las Vegas, U.S.A.** May 19-24, pp.31, 2013.
- 9) **M. Aydoğan** and Y. Polatoglu " A Certain Class of Starlike Log-Harmonic Mappings", FEMTEC 2013, Stratosphere, **Las Vegas, U.S.A.** May 19-24, pp.32, 2013.
- 10) **M. Aydoğan** and S. Owa, "Some Results on Harmonic Functions for which the second Dilatation is α -spiral", International Conference. on Applied. Analysis and Mathematical Modeling, ICAAM 2013, Yildiz Tec.Uni.,**Turkey**, pp.284, , 2-5 June,2013.
- 11) **M. Aydoğan**, "Analytic Properties of a Class of α -Spirallike Janowski Harmonic Mappings", International Conference. on Applied. Analysis and Mathematical Modeling, ICAAM 2013, Yildiz Tec.Uni.,**Turkey**, pp.403, 2-5 June,2013.
- 12) **M. Aydoğan**, "Harmonic Mappings Related to Starlike Function of Complex Order", 9th Int. Symp.on "Geometric Function Theory and Applications" , "GFTA 2013", Abstract Book, pp.11, Sile- Isik University, **Istanbul**, 26-30 August 2013.
- 13) D. Varol, **M. Aydoğan** and S.Owa "Some results on a Subclass of Harmonic Mappings of order α ", 9th Int. Symp.on "Geometric Function Theory and Applications" , "GFTA 2013", Abstract Book, pp.62. Sile- Isik University, **Istanbul**. 26-30 August 2013.
- 14) **M. Aydoğan**, and Y. Polatoglu, "Quasiconformal Harmonic Mappings Related to Janowski Alpha-Spirallike Functions", The 3rd Int.Conf. on Math. Sciences, University of Kebangsaan, Abs. Book pp.114 , Putra World Trade Center, **Kuala Lumpur, Malaysia**, 17-19 Dec. 2013.
- 15) D. Varol, **M. Aydoğan** and Y.Polatoglu , "Bounded Harmonic Mappings Related to Starlike Functions", The 3rd Int.Conf. on Math. Sciences, University of Kebangsaan, Abs. Book pp.114 , Putra World Trade Center, **Kuala Lumpur, Malaysia**, 17-19 Dec. 2013.
- 16) **M. Aydoğan**, "Some Results on Harmonic Mappings Related to Janowski Alpha Spirallike Functions", Proceedings of the 2014 International Conference on Applied Mathematics and Computational Methods in Engineering II, pp. 39-44, **Prague, Czech Republic**, 2- 4 Apr. 2014.
- 17) D. Varol, **M. Aydoğan** and Y.Polatoglu , "Notes on Bounded Harmonic Mappings Related to Starlike Functions", Proceedings of the 2014 International Conference on Systems, Control, Signal Processing and Informatics II (SCSI '14), pp. 17-22 , **Prague, Czech Republic**, 2- 4 Apr. 2014.
- 18) **M. Aydoğan**, "Some Results On Janowski Convex and Janowski Close-to-Convex Functions" , Invited Speaker, 2nd NAUN International Conference on Mathematical, Computational and Statistical Sciences (MCSS '14), Gdansk University of Technology, **Gdansk , Poland**, May 15-17, 2014.
- 19) **M. Aydoğan**, Y.Polatoglu and Y.Kahramaner, "Harmonic Mappings Related to the m -fold Starlike Functions", 4th European Seminar on Computing, **Pilsen, Czech Republic**, 15-20 june 2014.
- 20) **M. Aydoğan** and D. Varol, "Multivalent Harmonic Mappings", 10 th Int. Symp.on "Geometric Function Theory and Applications" , Abstract Book, pp., University of **Oradea-Romain**, 25-28 August 2014.
- 21) **M. Aydoğan** and D. Varol, " Notes on Multivalent Harmonic Mappings", 2014 Inter. Conf. on Mathematics and Computers in Sciences and Industry, **Varna, Bulgaria**, Sept. 13-15, 2014.
- 22) **M. Aydoğan**, The 94th Encounter between Mathematicians and Theoretical Physicists will take place at Institut de Recherche Mathématique Avancée on September 18-20, 2014. "Riemann. Einstein and geometry" . University of Strasbourg and CNRS. **Strasbourg. France**

<http://www-irma.u-strasbg.fr/IMG/pdf/RCP94-Participants.pdf>

- 23) **M. Aydoğan**, H. E. Ozkan Ucar and Y. Polatoglu, "Harmonic Mappings Related to the Bounded Boundary Rotation", 2nd International Conference on Applied Mathematics and Computational Methods, **Athens, Greece** , November 27- 30 2014.
- 24) **M. Aydoğan**, A. Yemisci and Y. Polatoglu , "Notes on Generalization of Close-to-Star Functions", 3 rd International Conference on Applied and Computational Mathematics , **Geneva, Switzerland**, December 29-31, 2014.
- 25) Y.Polatoglu, Y.Kahramaner, E. Ozkan Ucar and **M. Aydoğan**, "Multivalent Harmonic Functions For Which Analytic Part is Multivalent Convex Functions", 3 rd International Conference on Applied and Computational Mathematics , **Geneva, Switzerland**, December 29-31, 2014.
- 26) **M. Aydoğan**, "Harmonic Functions For Which Analytic Part is Multivalent Convex Functions", ICCAM 2014 : XII International Conference on Computational and Applied Mathematics, Proceed. pp. 1949-1951, **Paris , France**, December 30-31, 2014.
- 27) **M. Aydoğan** and D. Ozturk, "Some Inequalities Related With Starlike Log-Harmonic Mappings" , ICCAM 2014 : XII International Conference on Computational and Applied Mathematics, Proceed. pp . 1945-1948, **Paris , France**, Dec. 30-31, 2014. <http://waset.org/abstracts?q=melike+aydogan&search=Search>
- 28) **M. Aydoğan**, Y. Polatoglu, H.Esra Ucar, A.Yemisci and Y. Kahramaner " Quasi-conformal Harmonic Mappings Related To The Janowski Starlike Functions", International Conference on Pure&Applied Mathematics, **Vienna, Austria**, March 15-17, 2015. <http://www.apsac.co/program.htm>
- 29) Entisar El-Yagubi, Maslina Darus and **Melike Aydoğan** "On a Subclass of p-valent Starlike Functions Associated with a Generalized Hypergeometric Differential operator", International Conference on Pure&Applied Mathematics, **Vienna, Austria**, March 15-17, 2015 .
- 30) **M. Aydoğan** and D. Öztürk " Some Properties of the Solution of Beltrami Equation", "Applied Mathematics and Computational Methods in Engineering 2015", Paper ID: 111646000005760019, **Barcelona, Spain**, 7-9 April 2015.
- 31) **M. Aydoğan**, 2015 FIELDS MEDAL SYMPOSIUM *, Complex Analysis meets Statistical Physics *In honour of Stanislav Smirnov, ,**Toronto, Canada**, 19-22 October 2015.
- 32) **M. Aydoğan**, "Subclass of Starlike Log-harmonic Mappings of order α ", University of Rochester, Department of Mathematics, <http://www.math.rochester.edu/?search=/about/> **Rochester, New York, U.S.A.**, 12 Feb. 2016.
- 33) **M. Aydoğan**, "Some Distortion Theorems for Sakaguchi Functions " , SEAM 2016: 32nd Southeastern Analysis Meeting, **Tampa, Florida, U.S.A.** , March 13-15, 2016.

National Journal Publications

- 1) **M. Aydoğan**, Some Results About Taxicab Geometry, Istanbul Aydin Üniversitesi Fen Bilimleri Dergisi , Some Results On Taxicab Geometry, Year :1 ; Volume:1, ISSN:1309-1352, Sept. 2009.

National Conference Papers

- 1) Turkish Mathematical Society XVII. National Mathematics Symposium, , Abant İzzet Baysal University, Bolu, Turkey, August 23-26, 2004.
- 2) Turkish Mathematical Society XVIII. National Mathematics Symposium, , Istanbul Kültür University, Istanbul, Turkey, September 05-08, 2005.
- 3) Seminar series of Univalent and Geometric Function Theory, given by Shigeyoshi Owa, Istanbul Kültür University, Istanbul, Turkey, February 25-March 06, 2006.
- 4) Summer School on Geometric Function Theory , Istanbul Kültür University , August 16- 25, 2010.
- 5) **M. Aydoğan** , Türk Matematik Derneği, Karaköy Analiz Seminerleri, "Growth Theorem and the radius of starlikeness of close-to-spiral-like Functions", Sabancı University, Karaköy, 22.04. 2011.

- 6) **M. Aydoğan**, 'Some Results on the class of Janowski Starlike Log-Harmonic Mappings of complex order ', Isik University, Sile, 04.04.2012, 7) **M. Aydoğan**, "On a Function Theory and Applications" semineri, "Düzce Üni." Düzce, Türkiye, 24 Agustus 2012.
8) **M. Aydoğan**, "Harmonic Mappings for which Analytic Part is an alpha-spirallike Janowski Function", Sabanci University, Karaköy, 14.12. 2012.
9) **M. Aydoğan**, " On a Log-Harmonic functions from complex order", Yildiz Tech. Uni., 24.01.14.

Courses Taught

Calculus I, Calculus, Calculus II, Mathematics II, Mathematics, Statistics II, Riemann Surfaces, Grad. Real Analysis, Differential Equations, Discrete Mathematics II, Complex Analysis.

Memberships/Scholarly Societies

American Mathematical Society
Turkish Mathematical Society
European Mathematical Society