

Prof. Seher Melike Aydoğan

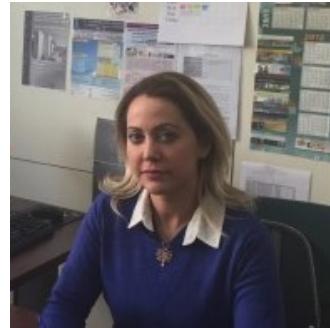


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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAX-1100-2020

ScopusID: 36843624300

Yoksis Researcher ID: 35549

Education Information

Doctorate, İstanbul Kultur University, Fen Edebiyat Fakültesi, Matematik, Turkey 2006 - 2009

Postgraduate, İstanbul Kultur University, Fen Edebiyat Fakültesi, Matematik Bilgisayar, Turkey 2004 - 2006

Undergraduate, İstanbul University, Faculty Of Science, Matematik, Turkey 1997 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Kompleks Mertebeden Janowski Yıldızlı Log- Harmonik Fonksiyonların Uygulamaları, İstanbul Kultur University, Matematik, 2009

Research Areas

Mathematics, Differential Equations, Sequences, Series, Summability, Integral Transformations, Computational Calculation, Numerical Analysis, Natural Sciences

Academic Titles / Tasks

Professor, İstanbul Technical University, Fen-Edebiyat, Matematik Mühendisliği, 2022 - Continues

Professor, Universita Degli Studi Catania, Fen , Matematik, 2023 - 2023

Associate Professor, İstanbul Technical University, Fen-Edebiyat, Matematik Mühendisliği, 2017 - 2022

Associate Professor, Isik University, Fen Edebiyat, Matematik, 2016 - 2017

Associate Professor, State University of New York College at Brockport, Science And Letters, Mathematics, 2015 - 2016

Assistant Professor, Isik University, Fen Edebiyat , Matematik, 2011 - 2015

Assistant Professor, Yeni Yüzyıl Üniversitesi, Mühendislik, Bilgisayar Mühendisliği, 2010 - 2011

Academic and Administrative Experience

Deputy Head of Department, İstanbul Technical University, Fen-Edebiyat, Matematik Mühendisliği, 2020 - Continues

Head of Department, İstanbul Aydin University, Anadolu Bil Vocational School, 2008 - 2010

Courses

Complex Analysis, Doctorate, 2022 - 2023

Functional Analysis, Undergraduate, 2022 - 2023

Engineering Mathematics, Undergraduate, 2017 - 2018

Calculus, Undergraduate, 2016 - 2017

Diferansiyel Denklemler, Undergraduate, 2016 - 2017

Riemann Surfaces, Postgraduate, 2015 - 2016

Advising Theses

Aydoğan S. M., Quantitative and Qualitative Analysis of a Quantum Multisingular Problem by Computational Method and Heatmaps, Postgraduate, Z.bekçi(Student), Continues

Aydoğan S. M., Yavuz Duman E., Bazileviç Fonksiyonlar, Doctorate, T.Daymaz(Student), Continues

Aydoğan S. M., Yavuz Duman E., Univalent Functions, Doctorate, Z.Karahüseyin(Student), Continues

Aydoğan S. M., Multivalent Harmonic Mappings, Postgraduate, D.Varol(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

I. Bi-Univalency of m-Fold Symmetric Functions Associated with a Generalized Distribution

Olatunji S. O., Sakar F. M., Breaz N., Aydoğan S. M., Oluwayemi M. O.

Mathematics, vol.12, no.2, 2024 (SCI-Expanded)

II. The Yamaguchi–Noshiro Type of Bi-Univalent Functions Connected with the Linear q-Convolution Operator

Breaz D., El-Deeb S. M., Aydoğan S. M., Sakar F. M.

Mathematics, vol.11, no.15, 2023 (SCI-Expanded)

III. On a Fekete–Szegö Problem Associated with Generalized Telephone Numbers

Breaz D., Wanas A. K., Sakar F. M., Aydoğan S. M.

Mathematics, vol.11, no.15, 2023 (SCI-Expanded)

IV. A study on the existence of numerical and analytical solutions for fractional integrodifferential equations in hilfer type with simulation

George R., Aydoğan S. M., Sakar F. M., Ghaderi M., Rezapour S.

AIMS Mathematics, vol.8, no.5, pp.10665-10684, 2023 (SCI-Expanded)

V. Two hybrid and non-hybrid k-dimensional inclusion systems via sequential fractional derivatives

Aydoğan S. M., Sakar F. M., Fatehi M., Rezapour S., Masiha H. P.

ADVANCES IN DIFFERENCE EQUATIONS, vol.2021, no.1, 2021 (SCI-Expanded)

VI. Coefficient Estimates for Bi-Univalent Functions in Connection with Symmetric Conjugate Points Related to Horadam Polynomial

Aydoğan S. M., Karahuseyin Z.

- MATHEMATICS, vol.8, no.11, 2020 (SCI-Expanded)
- VII. **Some results on a system of multi-term fractional integro-differential equations**
 Aydogan S. M., Ravash E., Rezapour S., Sakar F. M.
 Turkish Journal Of Mathematics, vol.45, no.22, pp.1-15, 2020 (SCI-Expanded)
- VIII. **On the mathematical model of Rabies by using the fractional Caputo-Fabrizio derivative**
 Aydogan S. M., Baleanu D., Mohammadi H., Rezapour S.
 ADVANCES IN DIFFERENCE EQUATIONS, vol.2020, no.1, 2020 (SCI-Expanded)
- IX. **Approximate endpoint solutions for a class of fractional q-differential inclusions by computational results**
 Aydogan S. M., Gomez Aguilar J. F., Baleanu D., Rezapour S., Samei M.
 Fractals-Complex Geometry Patterns And Scaling In Nature And Society, vol.3, pp.1-22, 2020 (SCI-Expanded)
- X. **On modelling of epidemic childhood diseases with the Caputo-Fabrizio derivative by using the Laplace Adomian decomposition method**
 Aydogan S. M., Baleanu D., Mohammadi H., Rezapour S.
 ALEXANDRIA ENGINEERING JOURNAL, vol.2, no.1, pp.1-22, 2020 (SCI-Expanded)
- XI. **Coefficient estimates for the class of quasi q-convex functions**
 Aydogan S. M., Altintas O.
 Turkish Journal Of Mathematics, vol.44, no.3, pp.1-7, 2020 (SCI-Expanded)
- XII. **Radius of starlikeness of p-valent lambda-fractional operator**
 AYDOĞAN S. M., SAKAR F. M.
 APPLIED MATHEMATICS AND COMPUTATION, vol.357, pp.374-378, 2019 (SCI-Expanded)
- XIII. **Subclass of m-quasiconformal harmonic functions in association with Janowski starlike functions**
 Sakar F. M., Aydogan M.
 APPLIED MATHEMATICS AND COMPUTATION, vol.319, pp.461-468, 2018 (SCI-Expanded)
- XIV. **On high order fractional integro-differential equations including the Caputo-Fabrizio derivative**
 AYDOĞAN S. M., BALEANU D., mouselou a., Rezapour S.
 Boundary Value Problems, pp.1-15, 2018 (SCI-Expanded)
- XV. **On the Shears of Univalent Harmonic Mappings**
 AYDOĞAN S. M., Bshouty D., Lyzzaik A., SAKAR F. M.
 Complex Analysis And Operator Theory, 2018 (SCI-Expanded)
- XVI. **Positive Solutions for a sum-type Singular Fractional Integro-Differential Equation with m-point Boundary Conditions**
 AYDOĞAN S. M., Nazemi S., Rezapour S.
 University Politehnica of Bucharest Scientific Bulletin-series A-Applied Mathematics and Physics, pp.89-98, 2017 (SCI-Expanded)
- XVII. **On approximate solutions for two higher-order Caputo-Fabrizio fractional integro-differential equations**
 AYDOĞAN S. M., BALEANU D., mousalou s., Rezapour s.
 Advances in Difference Equations, vol.221, 2017 (SCI-Expanded)
- XVIII. **An Investigation of the Certain Class of Multivalent Harmonic Mappings**
 Özkan Uçar H. E., POLATOĞLU Y., AYDOĞAN S. M.
 Journal of Computational Analysis and Applications, no.1, pp.480-487, 2016 (SCI-Expanded)
- XIX. **Harmonic mappings related to the m-fold starlike functions**
 Aydogan M., Polatoglu Y., Kahramaner Y.
 APPLIED MATHEMATICS AND COMPUTATION, vol.267, pp.805-809, 2015 (SCI-Expanded)
- XX. **On the class of harmonic mappings which is related to the class of bounded boundary rotation**
 Polatoglu Y., Aydogan M., Kahramaner Y.
 APPLIED MATHEMATICS AND COMPUTATION, vol.267, pp.790-794, 2015 (SCI-Expanded)
- XXI. **Notes on Harmonic Functions for which the second Dilatation is alpha - spiral**
 Aydogan M.
 JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.18, no.6, pp.1111-1121, 2015 (SCI-Expanded)

- XXII. **Harmonic mappings for which co-analytic part is a close-to-convex function of order b**
 Polatoglu Y., Kahramaner Y., Aydogan M.
 JOURNAL OF INEQUALITIES AND APPLICATIONS, 2015 (SCI-Expanded)
- XXIII. **Harmonic mappings related to Janowski starlike functions**
 Kahramaner Y., Polatoglu Y., Aydogan M.
 JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.270, pp.564-570, 2014 (SCI-Expanded)
- XXIV. **A certain class of starlike log-harmonic mappings**
 Aydogan M., Polatoglu Y.
 JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.270, pp.506-509, 2014 (SCI-Expanded)
- XXV. **QUASICONFORMAL HARMONIC MAPPINGS RELATED TO STARLIKE FUNCTIONS**
 Polatoglu Y., Duman E. Y., Kahramaner Y., Aydogan M.
 JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.16, no.5, pp.955-963, 2014 (SCI-Expanded)
- XXVI. **A Certain Class of Harmonic Mappings Related to Functions of Bounded Boundary Rotation**
 Polatoglu Y., Duman E. Y., Aydogan M.
 JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.16, no.4, pp.678-686, 2014 (SCI-Expanded)
- XXVII. **SOME INEQUALITIES WHICH HOLD FOR STARLIKE LOG-HARMONIC MAPPINGS OF ORDER alpha**
 Ozkan H. E., Aydogan M.
 JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, vol.16, no.3, pp.478-485, 2014 (SCI-Expanded)
- XXVIII. **Some results on a starlike log-harmonic mapping of order alpha**
 Aydogan M.
 JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, vol.256, pp.77-82, 2014 (SCI-Expanded)
- XXIX. **Some Properties Concerned with Close-to-Convexity of Certain Analytic Functions**
 Nunokawa M., Aydoğan S. M., Kuroki K., Yıldız i., Owa S.
 JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.245, pp.11-21, 2012 (SCI-Expanded)
- XXX. **Integral means and arclength inequalities for typically real log-harmonic mappings**
 Abdulhadi Z., Aydoğan S. M.
 APPLIED MATHEMATICS LETTERS, vol.25, pp.27-32, 2012 (SCI-Expanded)
- XXXI. **Some properties of starlike harmonic mappings**
 Aydogan M., Yemisci A., Polatoglu Y.
 JOURNAL OF INEQUALITIES AND APPLICATIONS, 2012 (SCI-Expanded)
- XXXII. **Harmonic function for which the second dilatation is alpha-spiral**
 Aydogan M., Duman E. Y., Polatoglu Y., Kahramaner Y.
 JOURNAL OF INEQUALITIES AND APPLICATIONS, 2012 (SCI-Expanded)
- XXXIII. **Extensions of sufficient conditions for starlikeness and convexity of order alpha**
 Uyanik N., Aydogan M., OWA S.
 APPLIED MATHEMATICS LETTERS, vol.24, no.8, pp.1393-1399, 2011 (SCI-Expanded)
- XXXIV. **Some Properties for Analytic Functions Concerning with Miller and Mocanu Result**
 Nunokova M., Y. Duman E., Owa S., Aydoğan S. M.
 INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, vol.61, pp.1291-1295, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **Inequalities of bi-starlike functions involving Sigmoid function and Bernoulli Lemniscate by subordination**
 Sakar F. M., Aydoğan S. M.
 Int. J. Open Problems Compt. Math., vol.16, no.1, pp.71-82, 2023 (Peer-Reviewed Journal)
- II. **Investigation of a Class of the Singular Fractional Integro-differential Quantum Equations with Multi-Step Methods**
 Samei M. E., H. Zanganeh H., Aydoğan S. M.
 J. Math. Ext, no.15, pp.1-54, 2021 (ESCI)

- III. **The extension Chebyshev polynomial bounds for general subclasses of bi-univalent functions involving subordination**
 Altinkaya S., Sakar F. M., Aydoğan S. M.
Tbilisi Mathematical Journal, vol.1, pp.187-194, 2021 (ESCI)
- IV. **To investigate a class of the singular fractional integro-differential quantum equations with multi-step methods**
 Samei M. E., Zanganeh H., AYDOĞAN S. M.
JOURNAL OF MATHEMATICAL EXTENSION, no.15, 2021 (ESCI)
- V. **Pascal distribution series for subclasses of analytic functions associated with conic domains**
 Frasin B. A., Aydoğan S. M.
AFRIKA MATEMATIKA, vol.32, no.1-2, pp.105-113, 2021 (ESCI)
- VI. **On a Nonlinear Fractional-Order Model of COVID-19 Under AB-Fractional Derivative**
 Aydoğan S. M., Hussain A., Sakar F. M.
JOURNAL OF MATHEMATICAL EXTENSION, vol.15, 2021 (ESCI)
- VII. **On a K-Dimensional System of Hybrid Fractional Differential Equations with Multi-Point Boundary Conditions**
 Aydoğan S. M.
JOURNAL OF MATHEMATICAL EXTENSION, vol.15, 2021 (ESCI)
- VIII. **Initial Bounds for Certain Subclasses of Generalized Salagean Type Bi-univalent Functions Associated with the Horadam Polynomials**
 SAKAR F. M., AYDOĞAN S. M.
Journal of Quality Measurement and Analysis, 2019 (Peer-Reviewed Journal)
- IX. **On Convex Functions with Complex Order Through Bounded Boundary Rotation**
 Aydoğan S. M., Sakar F. M.
Mathematics in Computer Science, vol.13, no.3, pp.433-439, 2019 (Scopus)
- X. **Notes on some p-valent functions**
 Aydoğan S. M., Karahüseyin Z., Owa S.
Communication in Mathematical Modeling and Applications, vol.4, no.2, pp.65-70, 2019 (Peer-Reviewed Journal)
- XI. **Bounds on Initial Coefficients for a Certain New Subclass of Bi-univalent Functions by Means of Faber Polynomial Expansions**
 SAKAR F. M., AYDOĞAN S. M.
Mathematics in Computer Science, vol.13, no.3, pp.441-447, 2019 (Scopus)
- XII. **Coefficient Bounds for Certain Subclasses of m-fold Symmetric Bi-univalent Functions Defined by Convolution**
 SAKAR F. M., AYDOĞAN S. M.
Acta Universitatis Apulensis, vol.55, pp.11-21, 2018 (Peer-Reviewed Journal)
- XIII. **Some Results on an Equivalence Relation on the Set of Closed and Bounded Valued Multifunctions**
 AYDOĞAN S. M., SHAHRAM R., SAKAR F. M.
Acta Universitatis Apulensis, pp.39-43, 2018 (Peer-Reviewed Journal)
- XIV. **SOME PROPERTIES OF q-CONVEX FUNCTIONS OF COMPLEX ORDER**
 POLATOĞLU Y., AYDOĞAN S. M., MERT O.
SARAJEVO JOURNAL OF MATHEMATICS, no.2, 2017 (Peer-Reviewed Journal)
- XV. **New Subclass of p - valent Harmonic Meromorphic Functions**
 Joshi S., Aydoğan S. M.
Theory and Applications of Mathematics & Computer Science, vol.6, no.1, pp.51-59, 2016 (Peer-Reviewed Journal)
- XVI. **Quasi-conformal Harmonic Mappings Related To The Janowski Starlike Functions**
 Aydoğan S. M., Polatoglu Y., Ozkan Ucar H. E., Yemsici A., Kahramaner Y.
New Developments in Pure and Applied Mathematics, vol.1, pp.135-139, 2015 (Peer-Reviewed Journal)
- XVII. **On a Subclass of p-valent Starlike Functions Associated with a Generalized Hypergeometric Differential operator**
 Yagubi E., Darus M., Aydoğan S. M.

- New Developments in Pure and Applied Mathematics, vol.159, pp.159-162, 2015 (Peer-Reviewed Journal)
- XVIII. **Multivalent Harmonic Functions For Which Analytic Part is Multivalent Convex Functions**
 Polatoglu Y., Kahramaner Y., Ozkan Ucar H. E., Aydoğan S. M.
 Recent Advances in Computational Mathematics, vol.2, pp.62-66, 2015 (Peer-Reviewed Journal)
- XIX. **Some New Distortion Theorems for Starlike Harmonic Functions of Order Alpha**
 Ozkan Ucar H. E., Aydoğan S. M., Polatoglu Y.
 Acta Universitatis Apulensis, vol.42, pp.171-180, 2015 (Peer-Reviewed Journal)
- XX. **Notes on Generalization of Close-to-Star Functions**
 Aydoğan S. M., Yemsici A., Polatoglu Y.
 Recent Advances in Computational Mathematics, vol.5, pp.18-22, 2015 (Peer-Reviewed Journal)
- XXI. **Some Results on Harmonic Mappings Related to Janowski Alpha Spirallike Functions**
 Aydoğan S. M.
 Mathematical Methods in Engineering and Economics, vol.6, pp.39-44, 2014 (Peer-Reviewed Journal)
- XXII. **Notes on Bounded Harmonic Mappings Related to Starlike Functions**
 Varol Ozturk D., Aydoğan S. M., Polatoglu Y.
 Computers, Automatic Control, Signal Processing and Systems Science, vol.5, pp.17-22, 2014 (Peer-Reviewed Journal)
- XXIII. **Harmonic Mappings Related to the Bounded Boundary Rotation**
 Aydoğan S. M., Ozkan Ucar H. E., Polatoglu Y.
 Mathematical Methods in Science and Engineering, vol.37, pp.34-36, 2014 (Peer-Reviewed Journal)
- XXIV. **Some Results on Janowski Convex and Janowski Close-to-Convex Functions**
 Aydoğan S. M.
 Advances in Applied and Pure Mathematics, vol.2, pp.133-136, 2014 (Peer-Reviewed Journal)
- XXV. **Multivalent Harmonic Mappings**
 Aydoğan S. M., Varol Ozturk D.
 Mathematics and Computers in Science and Industry, vol.2, pp.114-117, 2014 (Peer-Reviewed Journal)
- XXVI. **Harmonic Mappings Related to Starlike Function of Complex Order alpha**
 Aydoğan S. M.
 TWMS. J. App. Eng. Math, vol.4, no.1, pp.7-15, 2014 (Peer-Reviewed Journal)
- XXVII. **Some Properties of Certain Non-analytic Functions**
 Owa S., Aydoğan S. M., Varol Ozturk D.
 Advances in Mathematics Sci Journal, vol.3, pp.109-115, 2014 (Peer-Reviewed Journal)
- XXVIII. **Some results on a Subclass of Harmonic Mappings of order alpha**
 Varol Ozturk D., Aydoğan S. M., Owa S.
 TWMS. J. App. Eng. Math, vol.4, no.1, pp.104-109, 2014 (Peer-Reviewed Journal)
- XXIX. **Close-to-Convex Functions Defined by Fractional Operator**
 Aydoğan S. M., Kahramaner Y., Polatoglu Y.
 Applied Mathematical Sciences, vol.7, no.56, pp.2769-2775, 2013 (Peer-Reviewed Journal)
- XXX. **Harmonic Mappings Related to Janowski Convex Functions of Complex order b**
 Aydoğan S. M., Polatoglu Y., Kahramaner Y.
 International Journal of Mathematical Analysis, vol.7, no.30, pp.1451-1459, 2013 (Peer-Reviewed Journal)
- XXXI. **Harmonic Functions for which second dilatation has positive real part**
 Ozkan Ucar H. E., Yemsici A., Aydoğan S. M., Polatoglu Y.
 Advances in Mathematics, Sci. Journal, vol.4, pp.59-63, 2012 (Peer-Reviewed Journal)
- XXXII. **Some Results on a Subclass of alpha-quazi Spirallike Mappings**
 Aydoğan S. M.
 Mathematica Aeterna, vol.4, pp.669-674, 2012 (Peer-Reviewed Journal)
- XXXIII. **Generalization of close-to-star functions**
 Aydoğan S. M., Yemsici A., Polatoglu Y.
 General Mathematics, vol.2, pp.1-7, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **New Directions in Function Theory: From Complex to Hypercomplex to Non-Commutative**
Aydoğan S. M., Bshouty D., Miller S., Sakar F. M.
Springer, London/Berlin , Massachusetts, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Results On the existence of a mild solution for the fractional differential equation of the Hilfer type with simulation**
Aydoğan S. M.
“International Conference on Mathematical Applications”, Florida, United States Of America, 21 - 22 February 2023, pp.112-116
- II. **“SOME CONDITIONS FOR SUBCLASSES OF CERTAIN UNIVALENT FUNCTIONS”**
Karahüseyin Z., Aydoğan S. M., Owa S.
INTERNATIONAL EUROPA SCIENTIFIC RESEARCHES CONGRESS, 25 - 27 February 2023, pp.15-19
- III. **POLYNOMIAL BOUNDS OF BI-STARLIKE FUNCTIONS INVOLVING SIGMOID FUNCTION**
Sakar F. M., Aydoğan S. M.
ANALYSIS, TOPOLOGY AND APPLICATIONS 2022 (ATA 2022), Vrnjacka Banja, Serbia, 29 June - 02 July 2022, pp.21-27
- IV. **Neighborhoods of a class of quasi-convex functions of complex order**
ALTINTAŞ O., AYDOĞAN S. M.
II International Ankara Conference of Scientific Research, Ankara, Turkey, 6 - 08 March 2020
- V. **On the Coefficients of the Class of Quasi-Convex Multivalent Functions**
Aydoğan S. M., Altıntaş O.
7th International Symposium on Academic Studies in Science, Engineering and Architecture Sciences , ISMS 2019, Ankara, Turkey, 15 - 17 November 2019, pp.149
- VI. **On the Coefficients of quasi-convex Functions**
ALTINTAŞ O., AYDOĞAN S. M.
15th International Symposium on Geometric Function Theory and Applications (GFTA 2019), Malang, Indonesia, 4 - 06 November 2019
- VII. **Coefficient Bounds for a Subclass of m-fold Symmetric Bi-univalent Functions Involving Hadamard Product and Differential Operator**
Aydoğan S. M., Sakar F. M., Altinkaya \$.
Conference Proceeding of 2nd International Conference on Mathematical Advances and Applications (ICOMAA-2019), İstanbul, Turkey, 3 - 05 May 2019, pp.87
- VIII. **Infinite graphs and modern fixed point results**
Aydoğan S. M.
International Conference on Computational Methods in Applied Sciences (IC2MAS19), İstanbul, Turkey, 12 - 16 July 2019, pp.123-124
- IX. **Coefficient Bounds for a Subclass of m-fold Symmetric Bi-univalent Functions Involving Hadamard Product and Differential Operator Proceeding**
SAKAR F. M., AYDOĞAN S. M., ALTINKAYA \$.
Conference Proceeding of 2nd International Conference on Mathematical Advances and Applications, İstanbul, Turkey, 3 - 05 May 2019
- X. **Some Results on a System of Multi-Term Fractional Integro-Differential Equations**
Aydoğan S. M., E R., Shahram R., Sakar F. M.
14 th. International Symposium on Geometric Function Theory and Applications, Selayang-Baru, Malaysia, 3 - 05 December 2018, pp.40-41
- XI. **Certain subclasses of m-fold symmetric bi-univalent functions and associated coefficient estimate**

problems

SAKAR F. M., AYDOĞAN S. M.

14 th International Symposium on Geometric Function Theory and Applications (GFTA 2018), 3 - 05 December 2018

XII. On Two Fractional q-Derivative Inclusions

Aydogan S. M.

38th Southeastern-Atlantic Regional Conference on Differential Equations (SEARCDE), Georgia, United States Of America, 6 - 10 October 2018, pp.1

XIII. Coefficient Estimates on Certain Subclasses of Bi-univalent Functions Associated with Generalized Salagean Differential Operator

SAKAR F. M., AYDOĞAN S. M.

7 th International Conference on Applied Analysis and Mathematical Modeling (ICAAMM2018), 20 - 24 July 2018

XIV. A Note on Metric Type Spaces

AYDOĞAN S. M., Z S., SAKAR F. M.

7 th International Conference on Applied Analysis and Mathematical Modeling (ICAAMM2018), 20 - 24 July 2018

XV. On New Nonlinear Techniques for Solving of Finite Difference Equations

AYDOĞAN S. M., SAKAR F. M., SHAHRAM R.

XIX. th. International Conference on Analytic Functions and Related Topics, 25 - 29 June 2018

XVI. On Faber Polynomial Coefficient Bounds for a New Subclass of Analytic and Bi-univalent Functions

SAKAR F. M., AYDOĞAN S. M.

XIX th. International Conference on Analytic Functions and Related Topics-AFRT'xx18, 24 - 29 June 2018

XVII. Coefficient Estimates on Certain Subclasses of Bi-univalent Functions Associated with Generalized Sălăgean Differential Operator

SAKAR F. M., AYDOĞAN S. M.

International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Turkey, 20 - 24 June 2018

XVIII. On Univalent Harmonic Mappings with Analytic Parts Starlike of Some Order

SAKAR F. M., AYDOĞAN S. M.

6th European Seminar on Computing, Pilsen, Czech Republic, 3 - 08 June 2018

XIX. Coefficients and rate of convergence of some iteration methods

Aydogan S. M., Rezapour S.

International Workshop on Applied Analysis and Optimization, Taichung, Taiwan, 29 - 31 May 2018, pp.224

XX. Some Results About Common Fixed Point Theorems for Multi-valued Mappings

AYDOĞAN S. M., SAKAR F. M., SHAHRAM R.

EJONS International Congress on Mathematic, Engineering and Natural Sciences - III, 21 - 22 April 2018

XXI. Some Fixed Point Results in Generalized Metric Spaces

AYDOĞAN S. M., SHAHRAM R., SAKAR F. M.

EJONS International Congress on Mathematic, Engineering and Natural Sciences - III, 21 - 22 April 2018

XXII. Some Results on an Equivalence Relation on the Set of Closed and Bounded Valued Multifunctions

AYDOĞAN S. M., SHAHRAM R., SAKAR F. M.

13. th International Symposium on Geometric Function Theory and Applications, 3 - 06 August 2017

XXIII. "Coefficient bounds for certain subclasses of m-fold symmetric bi-univalent functions"

SAKAR F. M., AYDOĞAN S. M.

Geometric Function Theory and Applications, 3 - 06 August 2017

XXIV. Quasiconformal Harmonic Mappings Related to Janowski Alpha-Spirallike Functions

Aydogan M., Polatoglu Y.

3rd International Conference on Mathematical Sciences, Kuala-Lumpur, Malaysia, 17 - 19 December 2013,
vol.1602, pp.779-784

XXV. Bounded Harmonic Mappings Related to Starlike Functions

Varol D., Aydogan M., POLATOGLU Y.

3rd International Conference on Mathematical Sciences, Kuala-Lumpur, Malaysia, 17 - 19 December 2013,
vol.1602, pp.644-649

Supported Projects

Aydoğan S. M., REZAPOUR S., PARK C., GHADERİ M., GEORGE R., Project Supported by Higher Education Institutions, Hilfer tipi Türev Operatörünü içeren Fraksiyonel Diferansiyel Denklemlerin Simülasyonlu Çözümleri, 2022 - 2024
Aydoğan S. M., BALEANU D., SAKAR F. M., REZAPOUR S., Bekçi Z., Project Supported by Higher Education Institutions, Tekil Fraksiyonel Diferansiyel Denklemlerin Kararlılığı, 2018 - 2021
Aydoğan S. M., Sakar F. M., Project Supported by Higher Education Institutions, Bi-ünivalent fonksiyonların alt sınıfı üzerindeki katsayı tahminleri, 2018 - 2019
Aydoğan S. M., Project Supported by Other Private Institutions, Univalent Functions and Generalized Hypergeometric Functions in Nano and Micro Structures, 2015 - 2016

Activities in Scientific Journals

TÜRK MATEMATİK DERGİSİ, Editor, 2018 - Continues

Memberships / Tasks in Scientific Organizations

BESIKTAS SPOR KLUBU, Member, 2022 - Continues, Turkey
TURKISH JOURNAL OF MATHEMATICS, Member, 2020 - Continues, Turkey
Turkish Society Rochester, Member, 2015 - Continues, United States Of America

Metrics

Publication: 96
Citation (WoS): 305
Citation (Scopus): 340
H-Index (WoS): 6
H-Index (Scopus): 6

Congress and Symposium Activities

International Workshop on Applied Analysis and Optimization, Invited Speaker, Taichung, Taiwan, 2019
14th International Symposium on Geometric Function Theory and Applications, Attendee, Kuala-Lumpur, Malaysia, 2018
38th Southeastern-Atlantic Regional Conference on Differential Equations (SEARCDE 2018), Attendee, Georgia, United States Of America, 2018
XIX Conference on Analytic Functions and Related Topics, AF & RT '18, Attendee, Rzeszow, Poland, 2018
ESCO 2018 6 th European Seminar on Computing, Attendee, Plzen, Czech Republic, 2018
International Workshop on Applied Analysis and Optimization, Invited Speaker, Taichung, Taiwan, 2018
Ejons International Congress on Mathematics, Engineering and Natural Sciences III, Attendee, Mardin, Turkey, 2018
Ejons International Congress on Mathematics, Engineering and Natural Sciences III, Attendee, Mardin, Turkey, 2018
Geometric Function Theory and Applications 17, Invited Speaker, Arad, Romania, 2017

Non Academic Experience

University, Istanbul Technical University, Mathematics Engineering
İşık Üniversitesi
University, Istanbul Technical University, Mathematics Engineering

University, Istanbul Technical University, Mathematics Engineering

Yeni Yüzyıl Üniversitesi

İstanbul Aydın Üniversitesi

İstanbul Aydın Üniversitesi