

Prof. Halit ORHAN

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International Researcher IDs

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Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Analitik fonksiyonların belli sınıfları için katsayı eşitsizlikleri, Ataturk University, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, 2002

Postgraduate, Düzlemsel Kümelerin Lebesgue Ölçümü ve Soyut Uzaylara genişlemesi, Ataturk University, Fen Bilimleri Enstitüsü, Matematik Anabilim Dalı, 1998

Research Areas

Mathematics, Functions of a Complex Variable, Natural Sciences

Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Matematik, 2013 - Continues

Academic and Administrative Experience

Courses

Diferansiyel Denklemler, Undergraduate, 2023 - 2024

Univalent Fonksiyonlar I, Doctorate, 2022 - 2023

Matematik Tarihi ve Felsefesi, Undergraduate, 2023 - 2024

İLERİ ANALİZ I, Postgraduate, 2023 - 2024

Analiz-I, Undergraduate, 2023 - 2024

Advising Theses

Orhan H., Analitik fonksiyonlar için yeni ünivalentlik kriterleri ve quasikonform genişlemeler, Doctorate, M.ÇAĞLAR(Student), Continues
Orhan H., Kompleks düzlemin bazı alt bölgelerinde tanımlı analitik fonksiyonlar için ünivalentlik kriterleri, Doctorate, E.DENİZ(Student), Continues
Orhan H., Al-Oboudi ve Ruscheweyh operatörlerinin kombinasyonu ile tanımlanan bi-yalınkat fonksiyonların (P,Q)-Lucas Polinom katsayısı eşitsizlikleri, Postgraduate, H.ARIKAN(Student), 2021

Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Erzurum Teknik Üniversitesi, July, 2023
Doctoral Examination, Doctoral Examination, Dicle Üniversitesi, November, 2022
Doctorate, Doctorate, Kafkas Üniversitesi, September, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Third Hankel Determinant for a Subfamily of Holomorphic Functions Related with Lemniscate of Bernoulli**
ORHAN H., Çağlar M., Cotırlă L.
Mathematics, vol.11, no.5, 2023 (SCI-Expanded)
- II. **A New Subclass of Bi-Univalent Functions Defined by a Certain Integral Operator**
Breaz D., ORHAN H., Cotırlă L., Arıkan H.
Axioms, vol.12, no.2, 2023 (SCI-Expanded)
- III. **On a new subclass of biunivalent functions associated with the (p, q)-Lucas polynomials and bi-Bazilevičtype functions of order $\rho + i\xi$**
ORHAN H., Aktaş İ., Arıkan H.
Turkish Journal of Mathematics, vol.47, no.1, pp.98-109, 2023 (SCI-Expanded)
- IV. **COEFFICIENT BOUNDS FOR Q-STARLIKE FUNCTIONS ASSOCIATED WITH Q-BERNOULLI NUMBERS**
Çağlar M., ORHAN H., Srivastava H. M.
Journal of Applied Analysis and Computation, vol.13, no.4, pp.2354-2364, 2023 (SCI-Expanded)
- V. **Fekete-Szego Inequalities for Some Certain Subclass of Analytic Functions Defined with Ruscheweyh Derivative Operator**
ORHAN H., Cotırlă L.
AXIOMS, vol.11, no.10, 2022 (SCI-Expanded)
- VI. **Univalence Criteria and Quasiconformal Extension of a General Integral Operator**
Deniz E., Kanas S., Orhan H.
UKRAINIAN MATHEMATICAL JOURNAL, vol.74, no.1, pp.27-39, 2022 (SCI-Expanded)
- VII. **RADII OF k-STARLIKENESS OF ORDER alpha OF STRUVE AND LOMMEL FUNCTIONS**
Aktas I., Toklu E., Orhan H.
MISKOLC MATHEMATICAL NOTES, vol.22, no.1, pp.5-15, 2021 (SCI-Expanded)
- VIII. **BOUNDS FOR RADII OF CONVEXITY OF SOME q-BESSEL FUNCTIONS**
Aktas I., ORHAN H.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.57, no.2, pp.355-369, 2020 (SCI-Expanded)
- IX. **The Fekete-Szego inequality for subclasses of analytic functions related to modified Sigmoid functions**
Kamali M., ORHAN H., ÇAĞLAR M.
TURKISH JOURNAL OF MATHEMATICS, vol.44, no.3, pp.1016-1026, 2020 (SCI-Expanded)
- X. **Fekete-Szego problem for Bi-Bazilevic functions related to Shell-like curves**
ORHAN H., Magesh N., Abirami C.

- AIMS MATHEMATICS, vol.5, no.5, pp.4412-4423, 2020 (SCI-Expanded)
- XI. **Fekete-Szego inequality for a subclass of analytic functions defined by Komatu integral operator**
Arikan H., ORHAN H., ÇAĞLAR M.
AIMS MATHEMATICS, vol.5, no.3, pp.1745-1756, 2020 (SCI-Expanded)
- XII. **THE COEFFICIENT ESTIMATES FOR A CLASS DEFINED BY HOHLOV OPERATOR USING CONIC DOMAINS**
ÇAĞLAR M., Gurusamy P., ORHAN H.
TWMS JOURNAL OF PURE AND APPLIED MATHEMATICS, vol.11, no.2, pp.157-172, 2020 (SCI-Expanded)
- XIII. **A class of meromorphic Bazilevič-type functions defined by a differential operator**
ZAHOR A. Q., ARIF M., KHAN N., NOOR K. I., ORHAN H.
Ukrainian Mathematical Journal, vol.71, no.10, pp.1389-1404, 2019 (SCI-Expanded)
- XIV. **PARTIAL SUMS OF MITTAG-LEFFLER FUNCTION**
Bansal D., ORHAN H.
JOURNAL OF MATHEMATICAL INEQUALITIES, vol.12, no.2, pp.423-431, 2018 (SCI-Expanded)
- XV. **Radii of uniform convexity of some special functions**
Aktas I., Toklu E., ORHAN H.
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.6, pp.3010-3024, 2018 (SCI-Expanded)
- XVI. **Bounds for radii of starlikeness and convexity of some special functions**
Aktas I., BARİCZ A., ORHAN H.
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.1, pp.211-226, 2018 (SCI-Expanded)
- XVII. **Second Hankel determinant for certain subclasses of bi-univalent functions involving Chebyshev polynomials**
ORHAN H., Toklu E., KADIOĞLU E.
TURKISH JOURNAL OF MATHEMATICS, vol.42, no.4, pp.1927-1940, 2018 (SCI-Expanded)
- XVIII. **THIRD HANKEL DETERMINANTS FOR STARLIKE AND CONVEX FUNCTIONS OF ORDER ALPHA**
ORHAN H., ZAPRAWA P.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.55, no.1, pp.165-173, 2018 (SCI-Expanded)
- XIX. **Univalence Criteria and Quasiconformal Extensions**
Caglar M., ORHAN H.
UKRAINIAN MATHEMATICAL JOURNAL, vol.68, no.8, pp.1314-1321, 2017 (SCI-Expanded)
- XX. **p-Subordination chains and p-valence integral operators**
Deniz E., ORHAN H., Caglar M.
TURKISH JOURNAL OF MATHEMATICS, vol.41, no.4, pp.956-968, 2017 (SCI-Expanded)
- XXI. **Second Hankel Determinant Problem for k-bi-starlike Functions**
ORHAN H., TOKLU E., KADIOĞLU E.
FILOMAT, vol.31, no.12, pp.3897-3904, 2017 (SCI-Expanded)
- XXII. **RADII OF STARLIKENESS OF SOME SPECIAL FUNCTIONS**
BARİCZ A., Dimitrov D. K., ORHAN H., Yagmur N.
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, vol.144, no.8, pp.3355-3367, 2016 (SCI-Expanded)
- XXIII. **The Radius of -Convexity of Normalized Bessel Functions of the First Kind**
Baricz A., ORHAN H., Szasz R.
COMPUTATIONAL METHODS AND FUNCTION THEORY, vol.16, no.1, pp.93-103, 2016 (SCI-Expanded)
- XXIV. **PARTIAL SUMS OF GENERALIZED STRUVE FUNCTIONS**
Yagmur N., ORHAN H.
MISKOLC MATHEMATICAL NOTES, vol.17, no.1, pp.657-670, 2016 (SCI-Expanded)
- XXV. **Bounds for the second Hankel determinant of certain bi-univalent functions**
ORHAN H., Magesh N., Yamini J.
TURKISH JOURNAL OF MATHEMATICS, vol.40, no.3, pp.679-687, 2016 (SCI-Expanded)
- XXVI. **Second Hankel determinant for bi-starlike and bi-convex functions of order beta**
Deniz E., Caglar M., ORHAN H.
APPLIED MATHEMATICS AND COMPUTATION, vol.271, pp.301-307, 2015 (SCI-Expanded)

- XXVII. **LOEWNER CHAINS AND UNIVALENCE CRITERIA RELATED WITH RUSCHEWEYH AND SALAGEAN DERIVATIVES**
DENİZ E., ORHAN H.
JOURNAL OF APPLIED ANALYSIS AND COMPUTATION, vol.5, pp.465-478, 2015 (SCI-Expanded)
- XXVIII. **Differential Subordinations Involving Generalized Bessel Functions**
Baricz A., DENİZ E., ÇAĞLAR M., ORHAN H.
BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY, vol.38, no.3, pp.1255-1280, 2015 (SCI-Expanded)
- XXIX. **Sufficient Conditions For Univalence and Quasiconformal Extensions**
ÇAĞLAR M., ORHAN H.
Indian Journal Of Pure & Applied Mathematics, vol.46, pp.41-50, 2015 (SCI-Expanded)
- XXX. **Initial Coefficient Bounds for a General Class of Bi-Univalent Functions**
ORHAN H., Magesh N., Balaji V. K.
FILOMAT, vol.29, no.6, pp.1259-1267, 2015 (SCI-Expanded)
- XXXI. **(α , β , λ , δ , m , Ω)(p)-Neighborhood for some families of analytic and multivalent functions**
Orhan H.
ANALELE STIINTEFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.23, no.1, pp.225-236, 2015 (SCI-Expanded)
- XXXII. **PARTIAL SUMS OF GENERALIZED BESSEL FUNCTIONS**
ORHAN H., Yagmur N.
JOURNAL OF MATHEMATICAL INEQUALITIES, vol.8, no.4, pp.863-877, 2014 (SCI-Expanded)
- XXXIII. **Hardy space of generalized Struve functions**
Yagmur N., ORHAN H.
COMPLEX VARIABLES AND ELLIPTIC EQUATIONS, vol.59, no.7, pp.929-936, 2014 (SCI-Expanded)
- XXXIV. **On the univalence of integral operations involving meromorphic functions**
DENİZ E., ORHAN H.
MATHEMATICAL COMMUNICATIONS, vol.18, no.1, pp.1-9, 2013 (SCI-Expanded)
- XXXV. **Coefficient bounds for new subclasses of bi-univalent functions**
Caglar M., ORHAN H., Yagmur N.
FILOMAT, vol.27, no.7, pp.1165-1171, 2013 (SCI-Expanded)
- XXXVI. **SOME GENERALIZATIONS ON THE UNIVALENCE OF AN INTEGRAL OPERATOR AND QUASICONFORMAL EXTENSIONS**
Caglar M., ORHAN H.
MISKOLC MATHEMATICAL NOTES, vol.14, no.1, pp.49-62, 2013 (SCI-Expanded)
- XXXVII. **Majorization for certain subclasses of analytic functions involving the generalized Noor integral operator**
Caglar M., ORHAN H., DENİZ E.
FILOMAT, vol.27, no.1, pp.143-148, 2013 (SCI-Expanded)
- XXXVIII. **Univalence criteria for meromorphic functions and quasiconformal extensions**
Caglar M., ORHAN H.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (SCI-Expanded)
- XXXIX. **Starlikeness and Convexity of Generalized Struve Functions**
Yagmur N., ORHAN H.
ABSTRACT AND APPLIED ANALYSIS, 2013 (SCI-Expanded)
- XL. **Coefficient Estimates and Other Properties for a Class of Spirallike Functions Associated with a Differential Operator**
ORHAN H., Raducanu D., ÇAĞLAR M., BAYRAM M.
ABSTRACT AND APPLIED ANALYSIS, 2013 (SCI-Expanded)
- XLI. **THE FEKETE-SZEGO PROBLEM FOR A CLASS OF ANALYTIC FUNCTIONS DEFINED BY DZIOK-SRIVASTAVA OPERATOR**

- Deniz E., ÇAĞLAR M., ORHAN H.
KODAI MATHEMATICAL JOURNAL, vol.35, no.3, pp.439-462, 2012 (SCI-Expanded)
- XLII. **On the univalence of an integral operator defined by Hadamard product**
DENİZ E., Raducanu D., ORHAN H.
APPLIED MATHEMATICS LETTERS, vol.25, no.2, pp.179-184, 2012 (SCI-Expanded)
- XLIII. **SOME CONVEXITY PROPERTIES FOR TWO NEW P-VALENT INTEGRAL OPERATORS**
Deniz E., Caglar M., ORHAN H.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.40, no.6, pp.829-837, 2011 (SCI-Expanded)
- XLIV. **Certain Subclasses of Multivalent Functions Defined by New Multiplier Transformations**
DENİZ E., ORHAN H.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.36, no.6, pp.1091-1112, 2011 (SCI-Expanded)
- XLV. **Coefficient bounds for a subclass of starlike functions of complex order**
Caglar M., Deniz E., ORHAN H.
APPLIED MATHEMATICS AND COMPUTATION, vol.218, no.3, pp.693-698, 2011 (SCI-Expanded)
- XLVI. **Univalence criterion for meromorphic functions and Loewner chains**
DENİZ E., ORHAN H.
APPLIED MATHEMATICS AND COMPUTATION, vol.218, no.3, pp.751-755, 2011 (SCI-Expanded)
- XLVII. **SOME SUFFICIENT CONDITIONS FOR UNIVALENCE OF CERTAIN FAMILIES OF INTEGRAL OPERATORS INVOLVING GENERALIZED BESSEL FUNCTIONS**
DENİZ E., ORHAN H., Srivastava H. M.
TAIWANESE JOURNAL OF MATHEMATICS, vol.15, no.2, pp.883-917, 2011 (SCI-Expanded)
- XLVIII. **Subclasses of meromorphically multivalent functions defined by a differential operator**
ORHAN H., Raducanu D., DENİZ E.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.61, no.4, pp.966-979, 2011 (SCI-Expanded)
- XLIX. **SOME NOTES ON EXTENSIONS OF BASIC UNIVALENCE CRITERIA**
Deniz E., ORHAN H.
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.48, no.1, pp.179-189, 2011 (SCI-Expanded)
- L. **SOME PROPERTIES OF CERTAIN SUBCLASSES OF ANALYTIC FUNCTIONS WITH NEGATIVE COEFFICIENTS BY USING GENERALIZED RUSCHEWEYH DERIVATIVE OPERATOR**
Deniz E., ORHAN H.
CZECHOSLOVAK MATHEMATICAL JOURNAL, vol.60, no.3, pp.699-713, 2010 (SCI-Expanded)
- LI. **Some general univalence criteria for a family of integral operators**
Srivastava H. M., Deniz E., ORHAN H.
APPLIED MATHEMATICS AND COMPUTATION, vol.215, no.10, pp.3696-3701, 2010 (SCI-Expanded)
- LII. **The Fekete-Szegő problem for a generalized subclass of analytic functions**
DENİZ E., ORHAN H.
Kyungpook Mathematical Journal, vol.50, no.1, pp.37-47, 2010 (SCI-Expanded)
- LIII. **The Fekete-Szegő problem for subclasses of analytic functions defined by a differential operator related to conic domains**
ORHAN H., Deniza E., Raducanu D.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.59, no.1, pp.283-295, 2010 (SCI-Expanded)
- LIV. **ON SOME SUFFICIENT CONDITIONS FOR UNIVALENCE**
Raducanu D., ORHAN H., Deniz E.
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.18, no.2, pp.217-222, 2010 (SCI-Expanded)
- LV. **Neighborhoods of a certain class of valent functions with negative coefficients defined by using a differential operator**
ORHAN H.
Mathematical Inequalities and Applications, vol.12, no.2, pp.335-349, 2009 (SCI-Expanded)
- LVI. **Coefficient inequalities and inclusion relations for some families of analytic and multivalent functions**

- Srivastava H. M., Orhan H.
 APPLIED MATHEMATICS LETTERS, vol.20, no.6, pp.686-691, 2007 (SCI-Expanded)
- LVII. **A generalization on subfamily of p-valent functions with negative coefficients**
 ORHAN H., Kiziltunç H.
 Applied Mathematics and Computation, vol.155, no.2, pp.521-530, 2004 (SCI-Expanded)
- LVIII. **ON A SUBCLASS OF CERTAIN STARLIKE FUNCTIONS WITH NEGATIVE COEFFICIENTS**
 KAMALI M., ORHAN H.
 Bulletin Of The Korean Mathematical Society, vol.41, pp.53-71, 2004 (SCI-Expanded)
- LIX. **On the Fekete-Szego problem**
 Orhan H., Kamali M.
 APPLIED MATHEMATICS AND COMPUTATION, vol.144, no.1, pp.181-186, 2003 (SCI-Expanded)
- LX. **On a subclass of analytic functions with negative coefficients**
 Orhan H.
 APPLIED MATHEMATICS AND COMPUTATION, vol.142, pp.243-253, 2003 (SCI-Expanded)
- LXI. **A new class of analytic functions with negative coefficients**
 ORHAN H.
 APPLIED MATHEMATICS AND COMPUTATION, vol.138, pp.531-543, 2003 (SCI-Expanded)
- LXII. **Starlike, convex and close-to convex functions of complex order**
 ORHAN H., KAMALI M.
 Applied Mathematics and Computation, vol.135, pp.251-262, 2003 (SCI-Expanded)
- LXIII. **Fractional calculus and some properties of certain starlike functions with negative coefficients**
 Orhan H., Kamali M.
 APPLIED MATHEMATICS AND COMPUTATION, vol.136, pp.269-279, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Upper bounds for Fekete–Szegő functional**
 SAĞSÖZ F., ARIKAN H., ORHAN H.
 Boletín de la Sociedad Matemática Mexicana, vol.29, no.3, 2023 (ESCI)
- II. **SECOND HANKEL DETERMINANT FOR A CERTAIN SUBCLASS OF ANALYTIC FUNCTIONS DEFINED BY HYPERGEOMETRIC FUNCTIONS**
 ORHAN H., ÇAĞLAR M., ARIKAN H.
 Afrika Matematika, vol.34, no.18, 2023 (ESCI)
- III. **SECOND HANKEL DETERMINANT FOR CERTAIN SUBCLASSES OF BI-STARLIKE FUNCTIONS DEFINED BY DIFFERENTIAL OPERATORS**
 Orhan H., Arıkan H., Çağlar M.
 SAHAND COMMUNICATIONS IN MATHEMATICAL ANALYSIS, vol.20, no.2, pp.65-83, 2023 (ESCI)
- IV. **FEKETE-SZEGO PROBLEM FOR SOME SUBCLASSES OF HOLOMORPHIC FUNCTIONS DEFINED BY THE COMBINATION OF OPOOLA AND BABALOLA DIFFERENTIAL OPERATORS**
 Shaba T. G., ÇAĞLAR M., ORHAN H.
 Analele Universității din Oradea - Fascicula Matematică, vol.29, no.2, pp.5-16, 2022 (Peer-Reviewed Journal)
- V. **Coefficient inequalities for new subclasses of bi-univalent functions defined by using the function δ**
 Sağsöz F., Orhan H.
 Asian-European Journal of Mathematics, vol.15, no.9, 2022 (ESCI)
- VI. **COEFFICIENT INEQUALITIES FOR SUBCLASSES OF ANALYTIC FUNCTIONS BASED ON QUASI-SUBORDINATION AND MAJORIZATION RELATED WITH SIGMOID FUNCTIONS**
 Vanitha L., Ramachandran C., Murugusundaramoorthy G., ORHAN H.
 Mathematica, vol.64, no.1, pp.130-148, 2022 (Scopus)
- VII. **(P, Q)-Lucas polynomial coefficient relations of bi-univalent functions defined by the combination of Opoola and Babalola differential operators**

Orhan H., Shaba T. G., Caglar M.

AFRIKA MATEMATIKA, vol.33, no.1, 2022 (ESCI)

- VIII. **THE FEKETE-SZEGŐ PROBLEM FOR A GENERALIZED CLASS OF ANALYTIC FUNCTIONS OF COMPLEX ORDER ASSOCIATED WITH q -CALCULUS**
ORHAN H., Porwal S., Magesh N.
Palestine Journal of Mathematics, vol.11, no.3, pp.39-47, 2022 (Scopus)
- IX. **THE FEKETE-SZEGO PROBLEMS FOR SUBCLASS OF BI-UNIVALENT FUNCTIONS ASSOCIATED WITH SIGMOID FUNCTION**
Orhan H., Murugusundaramoorthy G., Caglar M.
FACTA UNIVERSITATIS-SERIES MATHEMATICS AND INFORMATICS, vol.37, no.3, pp.495-506, 2022 (ESCI)
- X. **Fekete-Szego Problem for a Subclass of Analytic Functions Associated with Chebyshev Polynomials**
Caglar M., Orhan H., Kamali M.
BOLETIM SOCIEDADE PARANAENSE DE MATEMATICA, vol.40, 2022 (ESCI)
- XI. **A COMPREHENSIVE CLASS OF BI-UNIVALENT FUNCTIONS SUBORDINATE TO SHELL-LIKE CURVES**
ORHAN H., Magesh N., SIVAPALAN J., Murthy S.
Bulletin of the Transilvania University of Braşov Series III: Mathematics and Computer Science, vol.63, no.2, 2021 (Peer-Reviewed Journal)
- XII. **Coefficient inequalities for new subclasses of bi-univalent functions defined by using the function $f_{\{\delta\}}$**
ALTUNTAŞ F., ORHAN H.
Asian-European Journal of Mathematics, 2021 (ESCI)
- XIII. **Certain classes of bi-univalent functions associated with the Horadam polynomials**
ORHAN H., Mamatha P. K., Swamy S. R., Magesh N., Yamini J.
ACTA UNIVERSITATIS SAPIENTIAE-MATHEMATICA, vol.13, no.1, pp.258-272, 2021 (ESCI)
- XIV. **Some applications of generalized Alexander integral operator**
ÇAĞLAR M., ORHAN H.
Southeast Asian Bulletin of Mathematics, 2021 (ESCI)
- XV. **Fekete-Szego problem for certain subclasses of analytic functions defined by the combination of differential operators**
ÇAĞLAR M., ORHAN H.
BOLETIN DE LA SOCIEDAD MATEMATICA MEXICANA, vol.27, no.2, 2021 (ESCI)
- XVI. **(P, Q)-Lucas polynomial coefficient inequalities of bi-univalent functions defined by the combination of both operators of Al-Aboudi and Ruscheweyh**
ORHAN H., Arikan H.
AFRIKA MATEMATIKA, vol.32, no.3-4, pp.589-598, 2021 (ESCI)
- XVII. **The Fekete-Szego functional for generalized starlike and convex functions of complex order**
ORHAN H., Raducanu D.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.14, no.3, 2021 (ESCI)
- XVIII. **FEKETE-SZEGO PROBLEM FOR A CLASS OF ANALYTIC FUNCTIONS CONNECTED WITH q -ANALOGUE OF INTEGRAL OPERATOR**
EL-DEEB S. M., ORHAN H.
Analele Universităţii din Oradea - Fascicola Matematică, vol.28, no.1, pp.15-25, 2021 (Peer-Reviewed Journal)
- XIX. **THE FEKETE-SZEGO PROBLEM FOR A GENERALIZED CLASS OF ANALYTIC FUNCTIONS OF COMPLEX ORDER ASSOCIATED WITH q -CALCULUS**
ORHAN H., SAURABH P., Magesh N.
Palestine Journal of Mathematics, 2021 (Scopus)
- XX. **FEKETE-SZEGO PROBLEM FOR SUBCLASSES OF ANALYTIC FUNCTIONS ASSOCIATED WITH QUASI-SUBORDINATION**
ARIKAN H., ÇAĞLAR M., ORHAN H.
Bulletin of the Transilvania University of Braşov – Series III Mathematics, Informatics, Physics, vol.12, no.2, pp.221-232, 2019 (Scopus)

- XXI. **Radii problems for normalized q-Bessel and Wright functions**
Toklu E., Aktas I., ORHAN H.
ACTA UNIVERSITATIS SAPIENTIAE-MATHEMATICA, vol.11, no.1, pp.203-223, 2019 (ESCI)
- XXII. **Second Hankel determinant for certain class of bi-univalent functions defined by Chebyshev polynomials**
ORHAN H., MAGESH N., Balaji V. K.
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.12, no.2, 2019 (ESCI)
- XXIII. **(theta, mu, tau)-NEIGHBORHOOD FOR ANALYTIC FUNCTIONS INVOLVING MODIFIED SIGMOID FUNCTION**
ORHAN H., Caglar M.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.2, pp.2161-2169, 2019 (ESCI)
- XXIV. **On the Fekete-Szego Problem for a Certain Class of Meromorphic Functions Using q-Derivative Operator**
Aouf M. K., ORHAN H.
KYUNGPOOK MATHEMATICAL JOURNAL, vol.58, no.2, pp.307-318, 2018 (ESCI)
- XXV. **ZALCMAN CONJECTURE FOR SOME SUBCLASSES OF ANALYTIC FUNCTIONS DEFINED BY SALAGEAN OPERATOR**
ORHAN H., TOKLU E.
Journal of Advanced Mathematics and Mathematics Education, vol.1, no.1, pp.1-4, 2018 (Peer-Reviewed Journal)
- XXVI. **ON PARTIAL SUMS OF NORMALIZED q-BESSEL FUNCTIONS**
Artas I., ORHAN H.
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.33, no.2, pp.535-547, 2018 (ESCI)
- XXVII. **Certain classes of bi-univalent functions with bounded boundary variation**
ORHAN H., MAGESH N., Balaji V. K.
TBILISI MATHEMATICAL JOURNAL, vol.10, no.4, pp.17-27, 2017 (ESCI)
- XXVIII. **On neighborhood and partial sums problem for generalized Sakaguchi type functions**
ÇAĞLAR M., ORHAN H.
An. S. tînt., Univ. Al. I. Cuza Iași. Mat. (N.S.), vol.2, pp.1-12, 2017 (Peer-Reviewed Journal)
- XXIX. **Coefficient estimates for a class of bi-univalent functions associated with quasi-subordination**
ORHAN H., NANJUNDAN M., YAMINI J.
Creative Mathematics and Informatics, vol.26, pp.193-199, 2017 (Peer-Reviewed Journal)
- XXX. **Geometric properties of generalized Struve functions**
ORHAN H., YAĞMUR N.
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Supported Projects

ORHAN H., Project Supported by Higher Education Institutions, ANALİTİK FONKSİYONLARIN UNİVALENTLİK KRİTERLERİ, QUASI-KONFORMAL GENİŞLEME VE ANALİTİK FONKSİYONLARIN ALTSINIFLARININ BAZI ÖZELLİKLERİ, 2012 - 2013

Activities in Scientific Journals

Journal of Advanced Mathematics and Mathematics Education, Editor, 2018 - Continues

Ağrı İbrahim Çeçen University, Graduate School of Natural and Applied Sciences, Committee Member, 2015 - Continues

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Scientific Refereeing

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Citation (Scopus): 962

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H-Index (Scopus): 17

Non Academic Experience

Ohio State University

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