



## Prof. SERAP BULUT

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: F-5639-2018

ScopusID: 25031240200

Yoksis Researcher ID: 38249



## Education Information

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- I. Doctorate, Balıkesir University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2003 - 2007
- II. Postgraduate, Balıkesir University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 2000 - 2003
- III. Undergraduate, Balıkesir University, Faculty Of Arts And Sciences, Department Of Mathematics, Turkey 1995 - 2000

## Foreign Languages

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- I. English, B1 Intermediate

## Dissertations

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- I. Doctorate, Skaler ve operatör-değerli Poisson çekirdeği kavramlarının bazı genellemeleri, Balıkesir University, Fen Bilimleri Enstitüsü, Matematik, 2007
- II. Postgraduate, Möbius dönüşümlerinin bazı invaryant karakteristik özellikleri, Balıkesir University, Fen Bilimleri Enstitüsü, Matematik, 2003

## Research Areas

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Mathematics, Functions of a Complex Variable, Natural Sciences

## Academic Titles / Tasks

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- I. Professor, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2018 - Continues
- II. Associate Professor, Kocaeli University, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor Bakım, 2011 - 2018
- III. Assistant Professor, Kocaeli University, Sivil Havacılık Yüksekokulu, Uçak Gövde-Motor Bakım, 2008 - 2011
- IV. Research Assistant, Balıkesir University, Faculty Of Arts And Sciences, Department Of Mathematics, 2000 - 2007

## Academic and Administrative Experience

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- I. Fakülte Yönetim Kurulu Üyesi, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2009 - Continues
- II. Fakülte Kurulu Üyesi, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2009 - Continues
- III. Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2021 - 2023
- IV. Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2015 - 2021
- V. Head of Department, Kocaeli University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde-Motor Bakım Bölümü, 2009 - 2021

## Courses

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- I. Diferansiyel Denklemler, Undergraduate, 2023 - 2024
- II. İleri Matematik, Postgraduate, 2023 - 2024
- III. Matematik 1, Undergraduate, 2023 - 2024
- IV. Uygulamalı Matematik, Doctorate, 2020 - 2021
- V. İleri Diferansiyel Denklemler, Undergraduate, 2016 - 2017

## Jury Memberships

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- I. Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, June, 2020
- II. Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, April, 2020
- III. Associate Professor Exam, Associate Professor Exam, Kocaeli University, March, 2020
- IV. Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, February, 2020
- V. Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, March, 2018
- VI. Doctoral Examination, Doctoral Examination, Bursa Uludağ Üniversitesi, June, 2011

## Published journal articles indexed by SCI, SSCI, and AHCI

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- I. **Coefficient bounds for  $q$ -close-to-convex functions associated with vertical strip domain**  
BULUT S.  
Filomat, vol.38, no.17, pp.6003-6015, 2024 (SCI-Expanded)
- II. **Fekete-Szegő problem for  $q$ -starlike functions in connected with  $k$ -Fibonacci numbers**  
BULUT S.

Hacettepe Journal of Mathematics and Statistics, vol.51, no.6, pp.1661-1673, 2022 (SCI-Expanded)

- III. **Coefficients estimates of a new class of analytic bi-univalent functions with bounded boundary rotation**  
Goswami P., BULUT S., Shekhawat N.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.51, no.5, pp.1271-1279, 2022 (SCI-Expanded)
- IV. **Coefficient estimates for Libera type bi-close-to-convex functions**  
BULUT S.  
MATHEMATICA SLOVACA, vol.71, no.6, pp.1401-1410, 2021 (SCI-Expanded)
- V. **FEKETE-SZEGO PROBLEM FOR STARLIKE FUNCTIONS CONNECTED WITH k-FIBONACCI NUMBERS**  
BULUT S.  
MATHEMATICA SLOVACA, vol.71, no.4, pp.823-830, 2021 (SCI-Expanded)
- VI. **Some special families of holomorphic and Salagean type bi-univalent functions associated with Horadam polynomials involving a modified sigmoid activation function**  
Swamy S. R., BULUT S., Sailaja Y.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.50, no.3, pp.710-720, 2021 (SCI-Expanded)
- VII. **MAJORIZATION RESULTS FOR A GENERAL SUBCLASS OF MEROMORPHIC MULTIVALENT FUNCTIONS**  
BULUT S., Adegani E. A., Bulboaca T.  
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.83, no.2, pp.121-128, 2021 (SCI-Expanded)
- VIII. **Subordination Implications and Coefficient Estimates for Subclasses of Starlike Functions**  
Cho N. E., Ebadian A., BULUT S., Adegani E. A.  
MATHEMATICS, vol.8, no.7, 2020 (SCI-Expanded)
- IX. **Radii problems for some classes of analytic functions associated with Legendre polynomials of odd degree**  
Ebadian A., Cho N. E., Adegani E. A., Bulut S., Bulboaca T.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2020, 2020 (SCI-Expanded)
- X. **Comprehensive subclasses of analytic functions and coefficient bounds**  
BULUT S.  
AIMS MATHEMATICS, vol.5, no.5, pp.4260-4268, 2020 (SCI-Expanded)
- XI. **The Second Hankel Determinant Problem for a Class of Bi-Close-to-Convex Functions**  
Cho N. E., Adegani E. A., Bulut S., Motamednezhad A.  
MATHEMATICS, vol.7, 2019 (SCI-Expanded)
- XII. **The Radius of Starlikeness, Convexity and Uniform Convexity of the Legendre Polynomials of Odd Degree**  
Bulut S., Engel O.  
RESULTS IN MATHEMATICS, vol.74, 2019 (SCI-Expanded)
- XIII. **A new general subclass of analytic bi-univalent functions**  
Bulut S.  
TURKISH JOURNAL OF MATHEMATICS, vol.43, pp.1330-1338, 2019 (SCI-Expanded)
- XIV. **UPPER BOUND OF SECOND HANKEL DETERMINANT FOR k-BI-SUBORDINATE FUNCTIONS**  
Motamednezhad A., Bulut S., Adegani E.  
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS, vol.81, pp.31-42, 2019 (SCI-Expanded)
- XV. **A new comprehensive subclass of analytic bi-close-to-convex functions**  
Bulut S.  
TURKISH JOURNAL OF MATHEMATICS, vol.43, pp.1414-1424, 2019 (SCI-Expanded)
- XVI. **Coefficient estimates for a subclass of analytic bi-univalent functions**  
Adegani E., Bulut S., Zireh A.  
Bulletin Of The Korean Mathematical Society, vol.55, no.2, pp.405-413, 2018 (SCI-Expanded)
- XVII. **Coefficient estimates for a class of analytic bi-univalent functions related to pseudo-starlike functions**

- Bulut S.  
Miskolc Mathematical Notes, vol.19, no.1, pp.149-156, 2018 (SCI-Expanded)
- XVIII. **A note on the coefficient estimates of bi-close-to-convex functions**  
Wang Z. G., Bulut S.  
COMPTES RENDUS MATHEMATIQUE, vol.355, pp.876-880, 2017 (SCI-Expanded)
- XIX. **Coefficient Bounds for Certain Subclasses of Close-To-Convex Functions of Complex Order**  
Bulut S.  
FILOMAT, vol.31, pp.6401-6408, 2017 (SCI-Expanded)
- XX. **Faber Polynomial Coefficient Estimates for a Comprehensive Subclass of Analytic Bi-Univalent Functions Defined by Subordination**  
Zireh A., Adegani E. A., Bulut S.  
BULLETIN OF THE BELGIAN MATHEMATICAL SOCIETY-SIMON STEVIN, vol.23, pp.487-504, 2016 (SCI-Expanded)
- XXI. **Coefficient bounds for certain subclasses of analytic functions of complex order**  
Bulut S.  
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.45, pp.1015-1022, 2016 (SCI-Expanded)
- XXII. **Faber polynomial coefficient estimates for a subclass of analytic bi univalent functions**  
Bulut S.  
Filomat, vol.30, no.6, pp.1567-1575, 2016 (SCI-Expanded)
- XXIII. **COEFFICIENT ESTIMATES FOR A NEW SUBCLASS OF ANALYTIC AND BI-UNIVALENT FUNCTIONS DEFINED BY CONVOLUTION**  
Bulut S.  
MISKOLC MATHEMATICAL NOTES, vol.17, pp.101-110, 2016 (SCI-Expanded)
- XXIV. **Coefficient estimates for general subclasses of m-fold symmetric analytic bi-univalent functions**  
Bulut S.  
TURKISH JOURNAL OF MATHEMATICS, vol.40, pp.1386-1397, 2016 (SCI-Expanded)
- XXV. **Faber polynomial coefficient estimates for certain subclasses of meromorphic bi-univalent functions**  
Bulut S., Magesh N., Balaji V.  
COMPTES RENDUS MATHEMATIQUE, vol.353, pp.113-116, 2015 (SCI-Expanded)
- XXVI. **Faber polynomial coefficient estimates for a comprehensive subclass of analytic bi-univalent functions**  
Bulut S.  
COMPTES RENDUS MATHEMATIQUE, vol.352, pp.479-484, 2014 (SCI-Expanded)
- XXVII. **Coefficient Estimates for Initial Taylor-Maclaurin Coefficients for a Subclass of Analytic and Bi-Univalent Functions Defined by Al-Oboudi Differential Operator**  
Bulut S.  
SCIENTIFIC WORLD JOURNAL, 2013 (SCI-Expanded)
- XXVIII. **Coefficient Estimates for a General Subclass of Analytic and Bi-Univalent Functions**  
Srivastava H. M., Bulut S., Caglar M., Yagmur N.  
FILOMAT, vol.27, pp.831-842, 2013 (SCI-Expanded)
- XXIX. **Coefficient Estimates for New Subclasses of Analytic and Bi-Univalent Functions Defined by Al-Oboudi Differential Operator**  
Bulut S.  
JOURNAL OF FUNCTION SPACES AND APPLICATIONS, 2013 (SCI-Expanded)
- XXX. **Neighborhood properties of certain classes of multivalently analytic functions associated with the convolution structure**  
Srivastava H., Bulut S.  
APPLIED MATHEMATICS AND COMPUTATION, vol.218, pp.6511-6518, 2012 (SCI-Expanded)
- XXXI. **The generalization of the generalized Al Oboudi differential operator**  
Bulut S.  
Applied Mathematics And Computation, vol.215, no.4, pp.1448-1455, 2009 (SCI-Expanded)
- XXXII. **A New General Integral Operator Defined by Al-Oboudi Differential Operator**

- Bulut S.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2009 (SCI-Expanded)
- XXXIII. **Univalence preserving integral operators defined by generalized Al-Oboudi differential operators**  
Bulut S.  
ANALELE STIINTIFICE ALE UNIVERSITATII OVIDIUS CONSTANTA-SERIA MATEMATICA, vol.17, pp.37-50, 2009  
(SCI-Expanded)
- XXXIV. **Sufficient conditions for univalence of an integral operator defined by Al-Oboudi differential operator**  
Bulut S.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2008 (SCI-Expanded)
- XXXV. **A note on the paper of Breaz and Güney**  
Bulut S.  
Journal of Mathematical Inequalities, vol.2, no.4, pp.549-553, 2008 (SCI-Expanded)
- XXXVI. **A New Subclass of Analytic Functions Defined by Generalized Ruscheweyh Differential Operator**  
Bulut S.  
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2008 (SCI-Expanded)
- XXXVII. **A new characterization of Mobius transformations by the use of Apollonius points of  $(2n-1)$ -gons**  
Bulut S., Ozgur N.  
ACTA MATHEMATICA SINICA-ENGLISH SERIES, vol.21, pp.667-672, 2005 (SCI-Expanded)

#### Articles Published in Other Journals

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- I. **Coefficient Bounds for the General Subclasses of Close-to-Convex Functions of Complex Order**  
BULUT S.  
Turkish Journal of Mathematics and Computer Science, vol.16, no.1, pp.162-168, 2024 (Scopus)
- II. **Note on bounds on the coefficients of a subclass of  $m$ -fold symmetric bi-univalent functions**  
Zireh A., Hajiparvaneh S., Bulut S.  
JOURNAL OF APPLIED ANALYSIS, vol.30, no.1, pp.187-195, 2024 (ESCI)
- III. **SHARP BOUNDS FOR THE SECOND HANKEL DETERMINANT OF LOGARITHMIC COEFFICIENTS FOR PARABOLIC STARLIKE AND UNIFORMLY CONVEX FUNCTIONS OF ORDER  $\alpha$**   
BULUT S.  
Khayyam Journal of Mathematics, vol.10, no.1, pp.51-69, 2024 (Scopus)
- IV. **FABER POLYNOMIAL COEFFICIENT ESTIMATES FOR ANALYTIC BI-UNIVALENT FUNCTIONS ASSOCIATED WITH GREGORY COEFFICIENTS**  
BULUT S.  
KOREAN JOURNAL OF MATHEMATICS, no.2, pp.285-295, 2024 (ESCI)
- V. **COEFFICIENT BOUNDS FOR SAKAGUCHI KIND OF FUNCTIONS ASSOCIATED WITH SINE FUNCTION**  
Bulut S., Priya H., Keerthi B. S.  
Australian Journal of Mathematical Analysis and Applications, vol.20, no.1, 2023 (Scopus)
- VI. **APPLICATIONS OF NON-HOMOGENEOUS CAUCHY-EULER FRACTIONAL  $q$ -DIFFERENTIAL EQUATION TO A NEW CLASS OF ANALYTIC FUNCTIONS**  
BULUT S.  
Khayyam Journal of Mathematics, vol.9, no.2, pp.288-299, 2023 (Scopus)
- VII. **FABER POLYNOMIAL COEFFICIENT ESTIMATES OF BI-UNIVALENT FUNCTIONS CONNECTED WITH THE  $q$ -CONVOLUTION**  
El-Deeb S. M., BULUT S.  
MATHEMATICA BOHEMICA, vol.148, pp.49-64, 2023 (ESCI)
- VIII. **Coefficient estimates for generalized Libera type bi-close-to-convex functions**  
Bulut S.

KOREAN JOURNAL OF MATHEMATICS, vol.30, no.4, pp.629-642, 2022 (Peer-Reviewed Journal)

- IX. **Vandermonde determinant for a certain Sakaguchi type function in Limagon domain**  
Vijayalakshmi S. P., Bulut S., Sudharsan T.  
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.15, no.12, 2022 (ESCI)
- X. **Coefficient inequalities for analytic functions connected with k-Fibonacci numbers**  
Bulut S., Sokol J.  
HONAM MATHEMATICAL JOURNAL, vol.44, no.4, pp.521-534, 2022 (ESCI)
- XI. **FEKETE-SZEGO INEQUALITIES FOR A NEW GENERAL SUBCLASS OF ANALYTIC FUNCTIONS INVOLVING THE  $(p; q)$ -DERIVATIVE OPERATOR**  
BULUT S.  
Communications of the Korean Mathematical Society, vol.37, no.3, pp.723-734, 2022 (ESCI)
- XII. **COEFFICIENT ESTIMATES FOR FUNCTIONS ASSOCIATED WITH VERTICAL STRIP DOMAIN**  
BULUT S.  
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.37, no.2, pp.537-549, 2022 (ESCI)
- XIII. **A Note on the Libera Type Meromorphic Close-to-convex Functions**  
BULUT S.  
Turkish Journal of Mathematics and Computer Science, vol.13, no.2, pp.282-286, 2021 (Scopus)
- XIV. **Logarithmic coefficients of starlike functions connected with k-Fibonacci numbers**  
Bulut S.  
Communications, Series A1: Mathematics and Statistics, vol.70, no.2, pp.910-923, 2021 (Peer-Reviewed Journal)
- XV. **On the Chebyshev polynomial bounds for  $\lambda$ -convex and  $\mu$ -starlike functions**  
Bulut S., Magesh N., Yamini J.  
Thai Journal of Mathematics, vol.19, no.4, pp.1367-1374, 2021 (ESCI)
- XVI. **On a subclass of bi-close-to-convex functions by means of the Gegenbauer polynomial**  
Al Amoush A. G., Bulut S.  
Mathematics for Applications, vol.10, no.2, pp.93-101, 2021 (Scopus)
- XVII. **Fekete-Szegő inequality for a subclass of non-Bazilevič functions involving Chebyshev polynomial**  
Al-Khafaji S. N., Bulut S., Juma A. R. S.  
Honam Mathematical Journal, vol.43, no.3, pp.503-511, 2021 (ESCI)
- XVIII. **Comprehensive subclass of m-fold symmetric bi-univalent functions defined by subordination**  
Bulut S., Salehian S., Motamednezhad A.  
Afrika Matematika, vol.32, no.3, pp.531-541, 2021 (ESCI)
- XIX. **Coefficient estimates for families of bi-univalent functions defined by Ruscheweyh derivative operator**  
Bulut S., Wanas A. K.  
Mathematica Moravica, vol.25, no.1, pp.71-80, 2021 (Peer-Reviewed Journal)
- XX. **Applications of Horadam polynomials for a new family of bi-univalent functions associating Bazilevič functions with lambda-pseudo functions**  
Wanas A. K., Wang X., Bulut S.  
Annals of Oradea University - Mathematics Fascicula, vol.28, no.1, pp.97-103, 2021 (Peer-Reviewed Journal)
- XXI. **COEFFICIENT ESTIMATES FOR A NEW GENERAL SUBCLASS OF ANALYTIC BI-UNIVALENT FUNCTIONS**  
BULUT S.  
KOREAN JOURNAL OF MATHEMATICS, vol.29, no.3, pp.519-526, 2021 (ESCI)
- XXII. **COEFFICIENT BOUNDS FOR  $p$ -VALENTLY CLOSE-TO-CONVEX FUNCTIONS ASSOCIATED WITH VERTICAL STRIP DOMAIN**  
BULUT S.  
KOREAN JOURNAL OF MATHEMATICS, vol.29, no.2, pp.395-407, 2021 (ESCI)
- XXIII. **Certain properties of spiral-like Sakaguchi type functions connected with q-Hypergeometric series**  
Bulut S., Keerthi B. S., Senthil B.  
Journal of Classical Analysis, vol.16, no.2, pp.101-114, 2020 (Peer-Reviewed Journal)
- XXIV. **Upper bound of second Hankel determinant for bi-univalent functions with respect to symmetric**

**conjugate**

Bulut S., Wanas A. K.

General Mathematics, vol.28, no.2, pp.67-80, 2020 (Peer-Reviewed Journal)

- XXV. **Fuzzy Differential Subordination Results for Fractional Derivative Associated with Differential Operator**  
Wanas A. K., Bulut S.  
Journal of Al-Qadisiyah for Computer Science and Mathematics, vol.12, no.3, pp.27-36, 2020 (Peer-Reviewed Journal)
- XXVI. **On coefficient bounds of some new subfamilies of close-to-convex functions of complex order related to generalized differential operator**  
Bulut S., Hussain M., Ghafoort A.  
ASIAN-EUROPEAN JOURNAL OF MATHEMATICS, vol.13, no.3, 2020 (ESCI)
- XXVII. **COEFFICIENT BOUNDS FOR CLOSE-TO-CONVEX FUNCTIONS ASSOCIATED WITH VERTICAL STRIP DOMAIN**  
BULUT S.  
COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.35, no.3, pp.789-797, 2020 (ESCI)
- XXVIII. **Coefficient inequalities for a class of analytic functions associated with conic domains**  
Bulut S., Hussain S., Khan S., Zaighum M. A.  
Electronic Journal of Mathematical Analysis and Applications, vol.8, no.1, pp.8-16, 2020 (Peer-Reviewed Journal)
- XXIX. **Coefficient estimates for a subclass of meromorphic bi-univalent functions defined by subordination**  
Adegani E. A., Motamednezhad A., BULUT S.  
STUDIA UNIVERSITATIS BABES-BOLYAI MATHEMATICA, vol.65, no.1, pp.57-66, 2020 (ESCI)
- XXX. **Coefficient estimates for certain general subclasses of meromorphic bi-univalent functions**  
Bulut S., Magesh N., Sivapalan J.  
Konuralp Journal of Mathematics, vol.8, no.1, pp.14-20, 2020 (Peer-Reviewed Journal)
- XXXI. **Second Hankel determinant problem for a certain subclass of analytic bi-univalent functions**  
Bulut S., Yavuz T.  
Turkish Journal of Inequalities, vol.3, no.1, pp.64-72, 2019 (Peer-Reviewed Journal)
- XXXII. **COEFFICIENT ESTIMATES FOR A NEW SUBCLASS OF m-FOLD SYMMETRIC ANALYTIC BI-UNIVALENT FUNCTIONS**  
BULUT S.  
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, no.2, pp.1401-1410, 2019 (ESCI)
- XXXIII. **Quasi-subordination and coefficient bounds for certain classes of meromorphic functions of complex order**  
Zayed H. M., Bulut S., Mostafa A. O.  
Communications Faculty of Sciences University of Ankara Series A1-Mathematics and Statistics, vol.68, no.1, pp.1197-1205, 2019 (ESCI)
- XXXIV. **Coefficient estimates for a subclass of analytic bi-pseudo-starlike functions of Ma-Minda type**  
Bulut S.  
Konuralp Journal of Mathematics, vol.6, no.2, pp.306-310, 2018 (Peer-Reviewed Journal)
- XXXV. **Bi-Bazilevic functions of complex order involving Ruscheweyh type q-difference operator**  
Murugusundaramoorthy G., Bulut S.  
ANNALES UNIVERSITATIS PAEDAGOGICAE CRACOVENSIS-STUDIA MATHEMATICA, vol.17, pp.5-15, 2018 (ESCI)
- XXXVI. **Faber polynomial coefficient estimates for a subclass of analytic bi-univalent functions defined by Carlson-Shaffer operator**  
Akbarally A., Jamahushami N., Bulut S.  
Annals of Oradea University - Mathematics Fascicola, vol.25, no.2, pp.157-164, 2018 (Peer-Reviewed Journal)
- XXXVII. **Chebyshev polynomial coefficient estimates for a class of analytic bi-univalent functions related to pseudo-starlike functions**  
Magesh N., Bulut S.

- Afrika Matematika, vol.29, pp.203-209, 2018 (Scopus)
- XXXVIII. **Coefficient estimates for a subclass of parabolic bi-starlike functions**  
 Bulut S.  
 Afrika Matematika, vol.29, pp.331-338, 2018 (Scopus)
- XXXIX. **Coefficient estimates for a subclass of analytic bi-univalent functions by means of Faber polynomial expansions**  
 Bulut S.  
 Palestine Journal of Mathematics, vol.7, no.1, pp.53-59, 2018 (Scopus)
- XL. **Certain subclasses of analytic functions associated with the Chebyshev polynomials**  
 Bulut S., Magesh N., Balaji V. K.  
 Honam Mathematical Journal, vol.40, no.4, pp.611-619, 2018 (ESCI)
- XLI. **FEKETE-SZEGO INEQUALITIES FOR A SUBCLASS OF ANALYTIC BI-UNIVALENT FUNCTIONS DEFINED BY SALAGEAN OPERATOR**  
 Bulut S.  
 HONAM MATHEMATICAL JOURNAL, vol.39, pp.591-601, 2017 (ESCI)
- XLII. **The Quasi-Hadamard Product of Certain Analytic and p-Valent Functions**  
 Bulut S.  
 THAI JOURNAL OF MATHEMATICS, vol.15, pp.777-781, 2017 (ESCI)
- XLIII. **CERTAIN PROPERTIES OF A NEW SUBCLASS OF ANALYTIC AND p-VALENTLY CLOSE-TO-CONVEX FUNCTIONS**  
 Bulut S.  
 HONAM MATHEMATICAL JOURNAL, vol.39, pp.233-245, 2017 (ESCI)
- XLIV. **Initial bounds for analytic and bi-univalent functions by means of Chebyshev polynomials**  
 Bulut S., Magesh N., Balaji V. K.  
 Journal of Classical Analysis, vol.11, no.1, pp.83-89, 2017 (Peer-Reviewed Journal)
- XLV. **Radii problems of the certain subclasses of analytic functions with fixed second coefficients**  
 Bulut S., Porwal S.  
 Electronic Journal of Mathematical Analysis and Applications, vol.5, no.1, pp.81-87, 2017 (Peer-Reviewed Journal)
- XLVI. **Coefficient bounds, neighborhood and partial sums problem for generalized Sakaguchi type functions**  
 Bulut S., Damodaran N. P., Keerthi B. S.  
 Far East Journal of Mathematical Sciences, vol.101, no.9, pp.1863-1885, 2017 (Peer-Reviewed Journal)
- XLVII. **Faber polynomial coefficient estimates for a certain subclass of analytic bi-univalent functions**  
 Bulut S.  
 Annals of Oradea University - Mathematics Fascicula, vol.24, no.2, pp.85-90, 2017 (Peer-Reviewed Journal)
- XLVIII. **Faber polynomial coefficient estimates for a comprehensive subclass of m-fold symmetric analytic bi-univalent functions**  
 Bulut S.  
 Journal of Fractional Calculus and Applications, vol.8, no.1, pp.108-117, 2017 (Peer-Reviewed Journal)
- XLIX. **CERTAIN SUBCLASSES OF ANALYTIC AND BI-UNIVALENT FUNCTIONS INVOLVING THE q-DERIVATIVE OPERATOR**  
 Bulut S.  
 COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.66, pp.108-114, 2017 (ESCI)
- L. **A comprehensive class of analytic bi-univalent functions by means of Chebyshev polynomials**  
 Bulut S., Magesh N., Abıramı C.  
 Journal of Fractional Calculus and Applications, vol.8, no.2, pp.32-39, 2017 (Peer-Reviewed Journal)
- LI. **Fekete Szegő type coefficient inequalities for a new subclass of analytic functions involving the q derivative operator**  
 Bulut S.  
 Acta Universitatis Apulensis, vol.47, pp.133-145, 2016 (Peer-Reviewed Journal)



- LII. **A new general integral operator**  
Güney H. Ö., Sakar F. M., Bulut S.  
International Journal of Mathematical Analysis, vol.10, no.8, pp.373-380, 2016 (Peer-Reviewed Journal)
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### Refereed Congress / Symposium Publications in Proceedings

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- I. **On the coefficient bounds for general subclasses of close-to-convex functions of complex order**  
Bulut S.  
The Mediterranean International Conference of Pure and Applied Mathematics and Related Areas, Antalya, Turkey, 26 - 29 October 2018, pp.1-2
- II. **Coefficient estimates of analytic and bi-close-to-convex functions**  
Wang Z. G., Bulut S.  
International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 9 - 12 May 2018, pp.1-2
- III. **Coefficient estimates for a general subclass of analytic and bi-univalent functions**  
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International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 9 - 12 May 2018, pp.1-2
- IV. **Certain properties of a new subclass of close-to-convex functions**  
Bulut S.  
International Conference on Recent Advances in Pure and Applied Mathematics, Muğla, Turkey, 19 - 23 May 2016, pp.1-2
- V. **On the coefficient estimates for new subclasses of analytic and bi univalent functions defined by Al Oboudi differential operator**  
Bulut S.  
International Symposium on Geometric Function Theory and Applications, İstanbul, Turkey, 26 - 30 August 2013, pp.1-2
- VI. **Inclusion and neighborhood properties of certain classes of multivalently analytic functions**  
Bulut S.  
Turkish-Japanese Joint Symposium on "Function Theory and its Applications", İstanbul, Turkey, 3 - 06 September 2012, pp.1-2
- VII. **A new generalization of the generalized Al Oboudi differential operator**  
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- VIII. **Integral averages of two generalizations of the Poisson kernel**  
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3. Ankara Matematik Günleri Sempozyumu, Ankara, Turkey, 22 - 23 May 2008, pp.1-2

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## X. New characterizations of Möbius transformations by use of Apollonius points of $2n + 1$ gons

Özgür N., Bulut S.

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## Supported Projects

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- I. Bulut S., Project Supported by Higher Education Institutions, Analitik fonksiyonların bazı alt sınıfları için komşuluk özellikleri, 2011 - 2012

## Activities in Scientific Journals

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- I. Mathematics for Applications, Committee Member, 2024 - Continues
- II. Mathematical Analysis and its Contemporary Applications, Committee Member, 2024 - Continues

## Memberships / Tasks in Scientific Organizations

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- I. Türk Kadın Matematikçiler Derneği, Member, 2024 - Continues, Turkey

## Metrics

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Publication: 151

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H-Index (Scopus): 9

## Coaching Duties

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## Refereeing Duties

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