Assoc. Prof. BURAK KURT

Personal Information

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International Researcher IDs ScholarID: WeyXv3cAAAAJ ORCID: 0000-0003-3275-4643 Publons / Web Of Science ResearcherID: I-7098-2017 ScopusID: 36020272600 Yoksis Researcher ID: 166137

Education Information

Doctorate, Akdeniz University, Fen Bilimleri, Matematik, Turkey 2010 - 2013 Postgraduate, Akdeniz University, Fen Bilimleri, Matematik, Turkey 2008 - 2010 Undergraduate, Akdeniz University, Faculty Of Science, Matematik, Turkey 2003 - 2007

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Matlab, Figes, 2011

Dissertations

Doctorate, Çok Değişkenli Hermite-Tabanlı Appell Polinomları Üzerine,, Akdeniz University, Institute of Science, Analiz Ve Fonksiyonlar Teorisi, 2013 Postgraduate, Hermite Apostol-Bernoulli Polinomları, Akdeniz University, Institute of Science, Analiz Ve Fonksiyonlar Teorisi, 2009

Research Areas

Mathematics, Multivariate Complex Functions and Analytic Spaces, Combinatorics, Number Theory, Natural Sciences

Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2019 -Continues

Lecturer PhD, Akdeniz University, Faculty of Education, Mathematics and Science Education, 2018 - Continues

Courses

Postgraduate

Sayılar Teorisi II, Postgraduate, 2023 - 2024 Bilgisayar destekli matematik öğretimi, Postgraduate, 2023 - 2024 Uzmanlık Alan Dersi, Postgraduate, 2020 - 2021 Undergraduate Cebir Öğretimi, Undergraduate, 2023 - 2024 Algoritma ve Programlama, Undergraduate, 2023 - 2024 Matematiğin Temelleri 2, Undergraduate, 2023 - 2024 İstatistik, Undergraduate, 2023 - 2024 Mantıksal Akıl Yürütme, Undergraduate, 2023 - 2024 Matematiğin Temelleri 1, Undergraduate, 2023 - 2024 Matematiğin Temelleri 2, Undergraduate, 2020 - 2021 Öğretmenlik Uygulaması, Undergraduate, 2020 - 2021, 2019 - 2020 Temel Matematik, Undergraduate, 2020 - 2021 Bilgisayar Programlama, Undergraduate, 2020 - 2021 -Topluma Hizmet Uygulamaları, Undergraduate, 2020 - 2021 Algoritma ve Programlama, Undergraduate, 2020 - 2021 Okul Deneyimi, Undergraduate, 2020 - 2021 Sayısal Analiz, Undergraduate, 2020 - 2021 Topluma Hizmet Uygulamaları, Undergraduate, 2019 - 2020 Uygulamalı Matematik, Undergraduate, 2020 - 2021

Supervised Theses

Kurt B., Matematik öğretiminde eğitsel matematik oyunları kullanımının öğrenci başarısına ve tutumuna etkisi, Postgraduate, S.BAŞ(Student), 2023 Kurt B., Kırsal bölgelerde ve şehir merkezinde öğrenim gören öğrencilerin sayı hissi becerilerinin incelenmesi, Postgraduate, K.YÖRÜR(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. Some relations on the degenerate Korobov polynomials and poly-Korobov polynomials KURT B.

Indian Journal of Pure and Applied Mathematics, vol.55, no.2, pp.628-638, 2024 (SCI-Expanded)

II. A parametric unified Apostol-type Bernoulli, Euler, Genocchi, Fubini polynomials and numbers KURT B.

Filomat, vol.37, no.19, pp.6307-6317, 2023 (SCI-Expanded)

III. UNIFIED APOSTOL-KOROBOV TYPE POLYNOMIALS AND RELATED POLYNOMIALS KURT B.

BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.58, no.2, pp.315-326, 2021 (SCI-Expanded)

IV. Notes on the Poly-Korobov Polynomials and Related Polynomials KURT B.

FILOMAT, vol.34, no.2, pp.469-474, 2020 (SCI-Expanded)

V. Identities and relations involving the modified degenerate hermite-based Apostol-Bernoulli and **Apostol-Euler** polynomials Srivastava H. M., KURT B., Kurt V. REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS, vol.113, no.2, pp.1299-1313, 2019 (SCI-Expanded) VI. Some Identities and Recurrence Relations on the Two Variables Bernoulli, Euler and Genocchi **Polynomials** Kurt V., KURT B. FILOMAT, vol.30, no.7, pp.1757-1765, 2016 (SCI-Expanded) VII. Notes on Unified q-Apostol-Type Polynomials KURT B. FILOMAT, vol.30, no.4, pp.921-927, 2016 (SCI-Expanded) VIII. A Note on the Apostol Type q-Frobenius-Euler Polynomials and Generalizations of the Srivastava-**Pinter Addition Theorems** KURT B. FILOMAT, vol.30, no.1, pp.65-72, 2016 (SCI-Expanded) IX. Some Identities on the Generalized q-Bernoulli, q-Euler, and q-Genocchi Polynomials Kim D., KURT B., Kurt V. ABSTRACT AND APPLIED ANALYSIS, vol.2013, 2013 (SCI-Expanded) X. On the generalized Apostol-type Frobenius-Euler polynomials Kurt B., ŞİMŞEK Y. ADVANCES IN DIFFERENCE EQUATIONS, vol.2013, 2013 (SCI-Expanded) XI. Some families of Genocchi type polynomials and their interpolation functions Srivastava H. M., Kurt B., ŞİMŞEK Y. INTEGRAL TRANSFORMS AND SPECIAL FUNCTIONS, vol.23, no.12, pp.919-938, 2012 (SCI-Expanded) XII. Notes on generalization of the Bernoulli type polynomials Kurt B., ŞİMŞEK Y.

APPLIED MATHEMATICS AND COMPUTATION, vol.218, no.3, pp.906-911, 2011 (SCI-Expanded)

Articles Published in Other Journals

 I. Notes on the degenerate harmonic numbers and polynomials Kurt B.
ADVANCED STUDIES IN CONTEMPORARY MATHEMATICS (KYUNGSHANG), vol.33, no.3, pp.213-219, 2023 (Peer-

Reviewed Journal)

II. Explicit relations on the degenerate type 2-unified Apostol–Bernoulli, Euler and Genocchi polynomials and numbers KURT B.

NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.29, pp.486-494, 2023 (ESCI)

III. Unified degenerate Apostol-type Bernoulli, Euler, Genocchi, and Fubini polynomials KURT B.

JOURNAL OF MATHEMATICS AND COMPUTER SCIENCE-JMCS, vol.25, no.3, pp.259-268, 2022 (ESCI)

IV. Some Identities of the Degenerate Poly-Frobenius-Genocchi Polynomials of Complex Variables KURT B.

Turkish Journal of Analysis and Number Theory, vol.9, no.2, pp.30-37, 2021 (Peer-Reviewed Journal)

- V. ON THE (p, q)-POLY-KOROBOV POLYNOMIALS AND RELATED POLYNOMIALS KURT B., Kurt V.
 JOURNAL OF APPLIED MATHEMATICS & INFORMATICS, vol.39, no.1-2, pp.45-56, 2021 (ESCI)
- VI. DEGENERATE POLYEXPONENTIAL FUNCTIONS AND POLY-EULER POLYNOMIALS

KURT B.

VII.	COMMUNICATIONS OF THE KOREAN MATHEMATICAL SOCIETY, vol.36, no.1, pp.19-26, 2021 (ESCI) IDENTITIES AND RELATIONS INVOLVING PARAMETRIC TYPE BERNOULLI
	KURT B.
	Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, vol.10, pp.105-113, 2020 (ESCI)
VIII	IDENTITIES AND RELATIONS INVOLVING PARAMETRIC TYPE BERNOULLI POLYNOMIALS
v 1111	
	TWING IOLIDNAL OF ADDITED AND ENCINEEDING MATHEMATICS woldowed the 112 2020 (ESCI)
īv	NOTES ON THE DADAMETRIC DOLY TANCENT DOLYNOMIALS
17.	
	RURI D.
v	JOURNAL OF APPLIED MATHEMATICS & INFORMATICS, VOI.38, NO.3-4, pp.301-309, 2020 (ESCI)
Х.	Notes on the Hermite-based poly-Euler polynomials with a q-parameter
	NOTES ON NUMBER THEORY AND DISCRETE MATHEMATICS, vol.26, no.3, pp.74-82, 2020 (ESCI)
XI.	IDENTITIES AND RELATIONS ON THE HERMITE-BASED TANGENT POLYNOMIALS
	KURT B.
	TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, vol.10, no.2, pp.321-337, 2020 (ESCI)
XII.	On the Hermite-Based Poly-Genocchi Polynomials with a q-Parameter
	KURT B.
	Turkish Journal of Analysis and Number Theory, vol.7, no.6, pp.145-149, 2019 (Peer-Reviewed Journal)
XIII.	IDENTITIES AND RELATION ON THE POLY-GENOCCHI POLYNOMIALS WITH A q-PARAMETER
	KURT B.
	JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS, vol.9, no.1, pp.1-8, 2018 (ESCI)
XIV.	Unified laguerre-based poly-Apostol-type polynomials
	KURT B.
	INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES, vol.4, no.12, pp.145-150, 2017 (ESCI)
XV.	Relations on the Apostol Type (p, q)-Frobenius-Euler Polynomials and Generalizations of the
	Srivastava-Pintér Addition Theorems
	KURT B.
	Turkish Journal of Analysis and Number Theory, vol.5, no.4, pp.126-131, 2017 (Peer-Reviewed Journal)
XVI.	Relations on the Apostol Type (ip,/ii /iiq/i)-Frobenius-Euler Polynomials and Generalizations of the
	Srivastava-Pintér Addition Theorems
	KURT B.
	Turkish Journal of Analysis and Number Theory, vol.5, no.4, pp.126-131, 2017 (Peer-Reviewed Journal)
XVII.	SOME IDENTITIES FOR THE GENERALIZED POLY-GENOCCHI POLYNOMIALS WITH THE PARAMETERS
	A, B AND C
	KURT B.
	JOURNAL OF MATHEMATICAL ANALYSIS, vol.8, no.1, pp.156-163, 2017 (ESCI)
XVIII.	SYMMETRY IDENTITIES FOR THE 2-VARIABLE UNIFIED APOSTOL-TYPE POLYNOMIALS
	KURT B., BİLGİÇ S.
	JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS, vol.8, no.4, pp.96-103, 2017 (ESCI)
XIX.	On the Algebraic structure of the soft sets in logic
	KURT B.
	Applied Mathematical Sciences, vol.8, pp.1873-1881, 2014 (Peer-Reviewed Journal)
XX.	On the Hermite base Gennochi polynomials
	Kurt B., ŞİMŞEK Y.
	Advanced Studies in Contemporary Mathematics, no.23, pp.13-17, 2013 (Scopus)
XXI.	A further generalization of the Euler polynomials and on the 2D-Euler polynomials
	KURT B.
	Proceedings Jangjeon Math. Soc., vol.16, pp.63-69, 2013 (Scopus)

XXII.	On the Soft Sets and Algebraic Structures,
	KURT B.
	Int. Journal of Math. Analysis, vol.7, pp.2689-2695, 2013 (Scopus)
XXIII.	Some relationships between the generalized Apostol-Bernoulli and Apostol-Euler polynomials
	KURT B.
	Turkish Journal of Analysis and Number theory, vol.1, pp.1, 2013 (Peer-Reviewed Journal)
XXIV.	On the Hermite based Genocchi polynomials KURT B., ŞİMŞEK Y.
	On the Hermite based Genocchi polynomials, vol.23, pp.13-17, 2013 (Scopus)
XXV.	Some identities on the second kind Bernoulli polynomials of order alpha and second kind Euler
	polynomials of order alpha with the parameters a, b, c KURT B.
	Proceeding Jangjeon Math. Soc, vol.16, pp.245-249, 2013 (Scopus)
XXVI.	On the multiple sums of Bernoulli, Euler and Genocchi polynomials
	KURT B.
	Int. Journal Math. Analysis, vol.7, pp.373-377, 2013 (Scopus)
XXVII.	Some relations involving Hermite-based Apostol-Genocchi polynomials
	KURT B., Gaboury S.
	APPLIED MATHEMATICAL SCIENCES, vol.6, pp.4091-4102, 2012 (Peer-Reviewed Journal)
XXVIII.	Some formulas for the multiple twisted (h; q)-Euler poly- nomials and numbers KURT B.
	Applied Math. Sciences, vol.5, pp.1263-1270, 2011 (Scopus)
XXIX.	Frobenius Euler Type Polynomials Related to Hermite Bernoulli Polynomials KURT B., ŞİMŞEK Y.
	Numerical Analysis and Applied Math. AIP Conf. Proc., vol.2011, no.1889, pp.385-388, 2011 (Peer-Reviewed
	Journal)
XXX.	The multiplication formulae for the Genocchi polynomials
	Rori D. Broc Langiagn Math. Soc. vol 13, pp. 90-06, 2010 (Scopus)
VVVI	A further generalization of the Bernoulli nolynomials and on the 2D Bernoulli nolynomials D2n(x, x)
лллі.	KURT B.

Applied Mathematic Sci., vol.4, no.47, pp.2315-2322, 2010 (Scopus)

Papers Published in Refereed Scientific Meetings

I. Some Relation on the Poly-Genocchi Numbers and Polynomials with a q-Parameter KURT B.

International Eurasian Conference on Mathematical Sciences and Appli, Budapește, Hungary, 15 - 18 August 2017, pp.48

II. On the modified degenerate Apostol-Type polynomials related to multiplier sums KURT B.

International Conference on Applied Analysis and Mathematical Modeling (, İstanbul, Turkey, 3 - 07 July 2017, pp.65

III. Some Symmerty Identities For Modified Degenerate Apostol-Bernoulli And Modified Degenerate Apostol-Euler Polynomials Related To Multiplier Sums KURT B.

INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS, Aydın, Turkey, 11 - 15 May 2017, pp.75

IV. Some Relationships between for the 2-Variable Uni?ed Apostol-type Polynomials KURT B., bilgiç s. INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017, pp.438

V. On The Modified Degenerate Hermite-based Apostol-Bernoulli and Apostol-Euler Polynomials KURT B.

2nd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES,, Antalya, Turkey, 18 - 21 April 2017, pp.60

VI. Poly-Frobenius-Euler Polynomials

KURT B.

International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 19 - 25 September 2016, vol.1863

- VII. Recurrence Relations On The Generelizad Poly-Genocchi Polynomials KURT B., BİLGİÇ S.
 International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, 19 - 25 September 2016, vol.1863
- VIII. Poly-Frobenius-Euler Polynomials
 - KURT B.

14th International Conference of Numerical Analysis and Applied Mathematics, Rodos, Greece, 19 September - 23 October 2016, pp.1-4

IX. A note Apostol type (p,q)-Frobenius-Euler Polynomials KURT B.

INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, Kırşehir, Turkey, 12 - 15 July 2016, pp.1-8

X. Some Relations for Generalized Poly-Genocchi Polynomials KURT B.

2nd International Conference on Pure and Applied Sciences, İstanbul, Turkey, 1 - 05 June 2016, pp.1-9

XI. One-Parameter Apostol-Genocchi Polynomials

KURT B.

4TH INTERNATIONAL EURASIAN CONFERENCE ON MATHEMATICAL SCIENCES AND APPLICATIONS, Atina, Greece, 31 August - 03 September 2015, pp.1-8

XII. Notes on the one-parameter Apostol-Genocchi polynomials

KURT B.

11th International Symposium Geometric Function Theory and Applicatiosn, Ohrid, Macedonia, 24 - 27 August 2015, pp.1

XIII. Notes on Unified q-Apostol-Type Polynomials

KURT B.

THE 28TH INTERNATIONAL CONFERENCE OF JANGJEON MATHEMATICAL SOCIETY, Antalya, Turkey, 15 - 19 May 2015, pp.1-5

XIV. Cebirsel yapılar ve Soft kümeler üzerine KURT B.

XXVI. Ulusal Matematik Sempozyumu, Diyarbakır, Turkey, 4 - 07 September 2013, pp.1

XV. On the Apostol-type Frobenius-Euler polynomials

KURT B.

International Conference on Applied Analysis and MAthematical Modelling, İstanbul, Turkey, 2 - 05 June 2013, pp.1

XVI. Some new generalized Apostol-Bernoulli and Apostol-Euler polynomials KURT B.

The Fourth International Conference on Math. and Comp. Appl., Manisa, Turkey, 17 - 20 May 2013, pp.47-53

XVII. HERMITE-BERNOULLI 2D POLYNOMIALS

KURT B., Kurt V.

13th Regional Conference on Mathematical Physics, Antalya, Turkey, 27 - 31 October 2010, pp.61-70

XVIII. Some identities on the second kind Bernoulli polynomials and second kind Euler polynomials KURT B.

International Conference of Numerical Analysis and Applied Mathematics, Kos, Greece, 19 - 25 September 2012,

	pp.1-4
XIX.	On the Generalized Apostol-type Frobenius-Euler polynomials
	KURT B.
	International Congress in Honour of Prof H. M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.1-7
XX.	On the Generalized Apostol Type Frobenius-Euler Polynomials
	ŞİMŞEK Y., Kurt B.
	International Congress in Honour of Professor Hari M. Srivastava, Turkey, 1 - 04 August 2012
XXI.	On the second kind Bernoulli polynomials and Euler polynomials with real parameters KURT B.
	The 25th International Conference of Jangjeon Mathematical Society, Seoul, South Korea, 25 July 2012, pp.1-8
XXII.	Some Identities on the Second Kind Bernoulli Polynomials of order alpha and Second Kind Euler
	Polynomials of order alpha
	Kurt B.
	International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Kos, Greece, 19 - 25
	September 2012, vol.1479, pp.352-355
XXIII.	On The Hermite Based-Second Kind Genocchi polynomials
	ŞİMŞEK Y., Kurt B.
	The 24 th International Conference of The Jangjeon Mathematical Society, Konya-TURKEY, Turkey, 1 - 04 July 2011
XXIV.	On the Hermite-Apostol-Genocchi Polynomials
	Kurt V., KURT B.
	International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Halkidiki, Greece, 19 - 25
	September 2011, vol.1389
XXV.	Frobenious-Euler Type Polynomials Related to Hermite-Bernoulli Polynomials
	KURT B., ŞIMŞEK Y.
	International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Halkidiki, Greece, 19 - 25
	September 2011, vol.1389
XXVI.	Notes on generalization of the Bernoulli type polynomials
	KURT B.
	International Congress in Honour of Prof H. M. Srivastava on his 70th birth anniversary, Bursa, Turkey, 18 - 21
	August 2010, pp.1-7

Activities in Scientific Journals

Tamap Journal of Mathematics and Statistics, Editor, 2017 - Continues Pioneer Journal of Advances in Applied Mathematics , Editor, 2014 - Continues

Peer Reviews in Scientific Publications

Kragujevac Journal of Mathematics, Other Indexed Journal, November 2018 Kragujevac Journal of Mathematics, Other Indexed Journal, October 2018 filomat, SCI Journal, April 2015

Metrics

Publication: 69 Citation (WoS): 156 Citation (Scopus): 185 H-Index (WoS): 7

Congress and Symposium Activities

6th International Conference on Computational and Experimental Science and Engineering (ICCESEN 2019), Attendee, Antalya, Turkey, 2018

The Mediterranean International Conference of Pure&Applied Mathematics and Related Areas, Attendee, Antalya, Turkey, 2018

INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, Attendee, Kırşehir, Turkey, 2018 International Conference on Mathematics, Attendee, İstanbul, Turkey, 2018

1st International Conference on Mathematical and Related Sciences, Attendee, Turkey, 2018

6th International Eurasian Conference on Mathematical Sciences and Applications, Attendee, Budapest, Hungary, 2017

International Conference on Applied Analysis and Mathematical Modeling (, Attendee, Turkey, 2017

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, Attendee, İstanbul, Turkey, 2017

INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS, Attendee, Aydın, Turkey, 2017

International Conference On Advances in Natural And Applied Sci, Attendee, Turkey, 2017

14th International Conference of Numerical Analysis and Applied Mathematics, Attendee, Ródos, Greece, 2016

INTERNATIONAL CONFERENCE ON ANALYSIS AND ITS APPLICATIONS, Attendee, Kirşehir, Turkey, 2016

2nd International Conference on Pure and Applied Sciences, Attendee, İstanbul, Turkey, 2016

4th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2015), Attendee, Athína, Greece, 2015

11th International Symposium on Geometric Function Theory and Application, Attendee, Ohrid, Macedonia, 2015 The 28th International Conference of The Jangjeon Mathematical Society ?(2015), Attendee, Antalya, Turkey, 2015 XXVI. Ulusal Matematik Sempozyumu, Attendee, Diyarbakır, Turkey, 2013

4th International Conference on Mathematical and Computational Applications, Attendee, Manisa, Turkey, 2013 International Conference on Applied Analysis and Mathematical Modeling, Attendee, İstanbul, Turkey, 2013 10th INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS, Attendee, Greece, 2012 International Congress in Honour of Prof H. M. Srivastava, Attendee, Turkey, 2012

25th International Conferance of Jangjeon Mathematical society, Attendee, Seoul, South Korea, 2012

International workshop on number theory related to generating functions and their Arithmetic, Attendee, Évry, France, 2011

INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS, Attendee, Thessaloníki, Greece, 2011

International Congress in Honour of Prof H. M. Srivastava on his 70th Birth Anniversary, Attendee, Bursa, Turkey, 2010 23th International Conferance of Jangjeon Mathematical society, Attendee, Ahvâz, Iran, 2010