

Prof. VELİ KURT

Personal Information

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Education

Doctorate, Ege University, Faculty Of Science, Matematik, Turkey 1975 - 1978

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, snu, cnu, dnu fonksiyonlarının bileşkesiyle oluşturulan bazı meromorf fonksiyonlarda period katlarının değer değişimlerine etkileri, Ataturk University, Fen Fakültesi, Matematik, 1978

Research Areas

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

Academic Positions

Professor, Akdeniz University, Fen Edebiyat , Matematik, 1995 - Continues

Associate Professor, Akdeniz University, Fen Edebiyat Fakültesi, Matematik, 1991 - 1995

Associate Professor, Cukurova University, Fen Edebiyat Fakültesi, Matematik , 1990 - 1991

Assistant Professor, Cukurova University, Fen Edebiyat Fakültesi, Matematik, 1987 - 1990

Assistant Professor, Selcuk University, Fen Edebiyat Fakültesi, Matematik, 1982 - 1987

Lecturer PhD, Ataturk University, Fen Fakültesi, Matematik, 1979 - 1982

Research Assistant, Ataturk University, Fen Fakültesi, Matematik, 1975 - 1979

Academic and Administrative Experience

Akdeniz University, Faculty of Science, Matematik, 2003 - Continues

Akdeniz University, Fen Edebiyat Fakültesi, 1991 - 1997

Courses

Associate Degree

Karmaşık Analiz, Associate Degree, 2013 - 2014, 2012 - 2013

Eliptik fonksiyonlara giriş, Associate Degree, 2013 - 2014, 2012 - 2013

Supervised Theses

KURT V., Genelleştirilmiş Poly-Bernoulli polinomları ve Poly-Genocchi polinomları, Postgraduate, S.Bilgiç(Student), 2016

KURT V., Bazı appell polinom ailelerinin matris ifadeleri üzerine, Doctorate, L.Kargın(Student), 2014

KURT V., Kübik theta fonksiyonlarında bazı özdeşlikler üzerine, Postgraduate, D.Aykut(Student), 2013

KURT V., Temel ideal bölgesi üzerindeki sonlu üreteçli serbest modüllerin asal ve asıl alt modülleri, Postgraduate, O.Önder(Student), 2007

KURT V., Genelleştirilmiş Hardy toplamları, Doctorate, M.Can(Student), 2006

KURT V., Dedekind toplamlarının ortalama değerleri, Postgraduate, A.Dil(Student), 2005

KURT V., Ayırteçlilik operatörlerine dayalı bulanık sıralama bağıntıları üzerine, Postgraduate, A.İşık(Student), 2005

KURT V., Kompleks katsayılı analitik ve multivalent fonksiyonlar ve bunların bazı alt sınıfları, Postgraduate, G.Tınaztepe(Student), 2003

KURT V., Genelleştirilmiş dedekind toplamları ve Bernoulli polinomları, Postgraduate, M.Cenkci(Student), 2001

KURT V., Log Q dönüşümleri ve $G(m)$ hecke gruplarının çarpan değerleri, Postgraduate, S.Bayrakçı(Student), 1996

Journal articles indexed in SCI, SSCI, and AHCI

- I. **On the Generalized q -Poly-Euler Polynomials of the Second Kind**
Kurt V.
FILOMAT, vol.34, no.2, pp.475-482, 2020 (SCI-Expanded)
- II. **On Generalized q -Poly-Bernoulli Numbers and Polynomials**
BİLGİÇ S., Kurt V.
FILOMAT, vol.34, no.2, pp.515-520, 2020 (SCI-Expanded)
- III. **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)
- IV. **ON GENERALIZED TWO-INDEX HERMITE MATRIX POLYNOMIALS**
Kargin L., Kurt V.
MISKOLC MATHEMATICAL NOTES, vol.18, no.1, pp.223-234, 2017 (SCI-Expanded)
- V. **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)
- VI. **Some Symmetry Identities for the Unified Apostol-Type Polynomials and Multiple Power Sums**
Kurt V.
FILOMAT, vol.30, no.3, pp.583-592, 2016 (SCI-Expanded)
- VII. **On the Unified Family of Generalized Apostol-type Polynomials of Higher order and Multiple Power Sums**
Kurt V.
FILOMAT, vol.30, no.4, pp.929-935, 2016 (SCI-Expanded)
- VIII. **Some identities and recurrences relations for the q -Bernoulli and q -Euler polynomials**
Kurt V.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.44, no.6, pp.1397-1404, 2015 (SCI-Expanded)
- IX. **Chebyshev-type matrix polynomials and integral transforms**

- KARGIN L., Kurt V.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.44, no.2, pp.341-350, 2015 (SCI-Expanded)
- X. **CHARACTER ANALOGUES OF CERTAIN HARDY-BERNDT SUMS**
CAN M., Kurt V.
INTERNATIONAL JOURNAL OF NUMBER THEORY, vol.10, no.3, pp.737-762, 2014 (SCI-Expanded)
- XI. **New identities and relations derived from the generalized Bernoulli polynomials, Euler polynomials and Genocchi polynomials**
Kurt V.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2014, 2014 (SCI-Expanded)
- XII. **ON GENERALIZED HUBERT MATRIX POLYNOMIALS**
KARGIN L., Kurt V.
MISKOLC MATHEMATICAL NOTES, vol.15, no.2, pp.509-524, 2014 (SCI-Expanded)
- XIII. **Modified Laguerre Matrix Polynomials**
KARGIN L., Kurt V.
FILOMAT, vol.28, no.10, pp.2069-2076, 2014 (SCI-Expanded)
- XIV. **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)
- XV. **Some symmetry identities for the Apostol-type polynomials related to multiple alternating sums**
Kurt V.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2013, 2013 (SCI-Expanded)
- XVI. **On the generalization of the Euler polynomials with the real parameters**
KARGIN L., Kurt V.
APPLIED MATHEMATICS AND COMPUTATION, vol.218, no.3, pp.856-859, 2011 (SCI-Expanded)
- XVII. **POLYNOMIALS RELATED TO HARMONIC NUMBERS AND EVALUATION OF HARMONIC NUMBER SERIES II**
DİL A., Kurt V.
APPLICABLE ANALYSIS AND DISCRETE MATHEMATICS, vol.5, no.2, pp.212-229, 2011 (SCI-Expanded)
- XVIII. **A generalization of the Widder potential transform and applications**
Dernek N., Kurt V., ŞİMŞEK Y., Yurekli O.
INTEGRAL TRANSFORMS AND SPECIAL FUNCTIONS, vol.22, no.6, pp.391-401, 2011 (SCI-Expanded)
- XIX. **A NEW APPROACH TO q -GENOCCHI NUMBERS AND POLYNOMIALS**
Kurt V., CENKÇİ M.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.47, no.3, pp.575-583, 2010 (SCI-Expanded)
- XX. **Multiple Two-Variable p -Adic q -L-Function and Its Behavior at $s=0$**
CENKÇİ M., ŞİMŞEK Y., Kurt V.
RUSSIAN JOURNAL OF MATHEMATICAL PHYSICS, vol.15, no.4, pp.447-459, 2008 (SCI-Expanded)
- XXI. **q -Genocchi numbers and polynomials associated with q -Genocchi-type l -functions**
ŞİMŞEK Y., CANGÜL İ. N., Kurt V., Kim D.
ADVANCES IN DIFFERENCE EQUATIONS, vol.2008, 2008 (SCI-Expanded)
- XXII. **On (i, q) Bernoulli and Euler numbers**
CENKÇİ M., Kurt V., Rim S. H., ŞİMŞEK Y.
APPLIED MATHEMATICS LETTERS, vol.21, no.7, pp.706-711, 2008 (SCI-Expanded)
- XXIII. **Congruences for generalized q -Bernoulli polynomials**
CENKÇİ M., Kurt V.
JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.2008, 2008 (SCI-Expanded)
- XXIV. **Degenerate and character Dedekind sums**
Cenkci M., Can M., Kurt V.
JOURNAL OF NUMBER THEORY, vol.124, no.2, pp.346-363, 2007 (SCI-Expanded)
- XXV. **An invariant p -adic q -integral associated with q -Euler numbers and polynomials**
Canguel I. N., Kurt V., ŞİMŞEK Y., Pak H. K., Rim S.

- JOURNAL OF NONLINEAR MATHEMATICAL PHYSICS, vol.14, no.1, pp.8-14, 2007 (SCI-Expanded)
- XXVI. **New approach to the complete sum of products of the twisted (h, q) -Bernoulli numbers and polynomials**
Simsek Y., Kurt V., Kim D.
JOURNAL OF NONLINEAR MATHEMATICAL PHYSICS, vol.14, no.1, pp.44-56, 2007 (SCI-Expanded)
- XXVII. **q-extensions of Genocchi numbers**
Cenkci M., Can M., Kurt V.
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.43, no.1, pp.183-198, 2006 (SCI-Expanded)
- XXVIII. **ON DEDEKIND SUMS**
KURT V.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.21, no.10, pp.893-896, 1990 (SCI-Expanded)

Articles Published in Other Journals

- I. **Riemann Zeta Matrix Function**
Kargin L., Kurt V.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.28, no.4, pp.683-688, 2015 (ESCI)
- II. **Some relations on Hermite matrix polynomials**
KARGIN L., KURT V.
Mathematical and Computational Applications, vol.18, no.3, pp.323-329, 2013 (Scopus)
- III. **Polynomials Related to Harmonic Numbers and Evaluation of Harmonic Number Series I**
DİL A., KURT V.
INTEGERS, The Electronic Journal of Combinatorial Number Theory, vol.12, no.A38, pp.1-18, 2012 (Peer-Reviewed Journal)
- IV. **Investigating geometric and exponential polynomials with Euler-Seidel matrices**
KURT V., DİL A.
J. Integer Seq., vol.14, no.4, pp.1-12, 2011 (Scopus)
- V. **Investigating Geometric and Exponential Polynomials with Euler Seidel Matrices**
DİL A., KURT V.
JOURNAL OF INTEGER SEQUENCES, vol.14, no.4, pp.1146, 2011 (Scopus)
- VI. **A further symmetric relation on the analogue of the Apostol-Bernoulli and the analogue Apostol-Genocchi polynomials**
KURT V.
Appl. Math. Sci., vol.3, no.53-56, pp.2757-2764, 2009 (Scopus)
- VII. **On the higher-order w - q -Genocchi numbers**
Özden H., ŞİMŞEK Y., Cangül İ. N., KURT V.
Adv. Stud. Contemp. Math, no.19, pp.39-57, 2009 (Scopus)
- VIII. **On the higher-order w - q -Genocchi numbers**
KURT V., Özden H., Cangül İ. N., ŞİMŞEK Y.
Adv. Stud. Contemp. Math., vol.19, no.1, pp.39-57, 2009 (Scopus)
- IX. **On the higher-order w - q -Genocchi numbers**
Özden H., ŞİMŞEK Y., Cangül İ. N., KURT V.
Adv. Stud. Contemp. Math, no.19, pp.39-57, 2009 (Scopus)
- X. **Twisted Dedekind type sums associated with Barnes type multiple Frobenius Euler I Functions**
CAN M., CENKÇİ M., KURT V., ŞİMŞEK Y.
Advanc. stud. Contemp. Math., vol.18, no.2, pp.135-160, 2009 (Scopus)
- XI. **Applications of Euler Seidel matrices**
DİL A., KURT V.
Advanced Studies in Contemporary Mathematics, vol.18, no.2, pp.219-233, 2009 (Scopus)
- XII. **Twisted Dedekind type sums associated with Barnes' type multiple Frobenius-Euler numbers**

- KURT V., CENKÇİ M., CAN M.
Adv. Stud. Contemp. Math., vol.18, no.2, pp.135-160, 2009 (Scopus)
- XIII. **Applications of Euler-Siedel matrices**
KURT V., DİL A.
Adv. Stud. Contemp. Math., vol.18, no.2, pp.219-233, 2009 (Scopus)
- XIV. **q-analogue of the p-adic twisted l-function**
ŞİMŞEK Y., Rim S., Jang L. C., KURT V.
J. Concr. Appl. Math., no.6, pp.169-176, 2008 (Scopus)
- XV. **On interpolation functions of the twisted generalized Frobenius-Euler numbers**
ŞİMŞEK Y., Yürekli O., KURT V.
Adv. Stud. Contemp. Math., no.15, pp.187-194, 2007 (Scopus)
- XVI. **Algorithms for Bernoulli and Allied Polynomials**
DİL A., KURT V., CENKÇİ M.
JOURNAL OF INTEGER SEQUENCES, vol.10, no.5, pp.754, 2007 (Scopus)
- XVII. **Algorithms for Bernoulli and allied polynomials**
KURT V., DİL A., CENKÇİ M.
J. Integer Seq., vol.10, no.5, pp.1-14, 2007 (Scopus)
- XVIII. **Further remarks on multiple p-adic q-L-function of two variables**
CENKÇİ M., ŞİMŞEK Y., KURT V.
Adv. Stud. Contemp. Math., no.14, pp.49-68, 2007 (Scopus)
- XIX. **Algorithms for Bernoulli and allied polynomials**
DİL A., KURT V., CENKÇİ M.
JOURNAL OF INTEGER SEQUENCES, vol.07.5.4, pp.1-18, 2007 (Scopus)
- XX. **New approach to the complete sum of products of the twisted (h,q)-Bernoulli numbers and polynomials**
KURT V., Kim D., ŞİMŞEK Y.
J. Nonlinear Math. Phys., vol.14, no.1, pp.44-56, 2007 (Scopus)
- XXI. **Generalized Hardy Berndt sums**
CAN M., CENKÇİ M., KURT V.
Proceedings of the Jangjeon Mathematical Society, vol.9, pp.19-38, 2006 (Scopus)
- XXII. **Hardy's summation, Bose-Einstein integral and q-version of Bose-Einstein type kernel**
ŞİMŞEK Y., Kim D., KURT V.
Proc. Jangjeon Math. Soc., no.9, pp.9-18, 2006 (Scopus)
- XXIII. **A recurrence relation for Bernoulli numbers**
Can M., Cenkci M., Kurt V.
BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY, vol.42, pp.617-622, 2005 (ESCI)
- XXIV. **p-adic interpolation functions and Kummer type congruences for q-twisted and q-generalized twisted Euler numbers**
Cenkci M., Can M., Kurt V.
Advanced Studies in Contemporary Mathematics, vol.9, pp.203-216, 2004 (Scopus)
- XXV. **On the Hermitian matrix inequalities**
ŞİMŞEK Y., KURT V.
Pure and Applied Matematika Sciences, vol.36, no.1-2, pp.29-32, 1992 (Scopus)
- XXVI. **On the Hermitian matrix inequalities**
ŞİMŞEK Y., KURT V.
Pure Appl. Math. Sci., no.36, pp.29-32, 1992 (Scopus)
- XXVII. **On the Hermitian matrix inequalities**
ŞİMŞEK Y., KURT V.
Pure and Applied Matematika Sciences, vol.36, no.1-2, pp.29-32, 1992 (Scopus)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Some Relations On Hermite Matrix Polynomials**
KARGIN L., KURT V.
4th International Conference on Mathematical and Computational Applications, 11 - 13 June 2013, (Summary Text)
- II. **HERMITE-BERNOULLI 2D POLYNOMIALS**
KURT B., Kurt V.
13th Regional Conference on Mathematical Physics, Antalya, Turkey, 27 - 31 October 2010, pp.61-70, (Full Text)
- III. **A Study on the Hurwitz-Lerch Zeta Function and Some Identities on the Frobenius-Euler Polynomials**
Kurt V.
International Conference of Numerical Analysis and Applied Mathematics (ICNAAM), Kos, Greece, 19 - 25 September 2012, vol.1479, pp.345-347, (Full Text)
- IV. **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, (Full Text)

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