

**CURRICULUM VITAE**  
**YILMAZ SIMSEK**  
**Professor of Mathematics**



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- <https://scholar.google.com.tr/citations?user=mKKkCFUAAA&hl=tr> (h-endeksi 39, i10-endeksi 107)
- <https://www.scopus.com/authid/detail.uri?authorId=21733344000>,
- [https://www.researchgate.net/profile/Yilmaz\\_Simsek4/research](https://www.researchgate.net/profile/Yilmaz_Simsek4/research)

**WOS ID:**

- [ResearcherID: C-1654-2016](https://orcid.org/0000-0002-0611-7141)

**Personal Information**

- **Date of Birth:** Oct 25, 1963
- **Citizenship:** Turkey

**Education**

- Ph.D. Cukurova University (Adana-Turkey)-1993: (Generalized Dedekind and Hardy sums).
- M.Sc. Cukurova University (Adana-Turkey)-1990: (Hermitian Matrix Inequalities).
- B.Sc. Cukurova University (Adana-Turkey)-1987.

**Employment**

- Member of the faculty, Department of Mathematics, Faculty of Science, University of Akdeniz since 2005

- 2012 - ..... Professor
- 2007 - 2012 Associate Professor
- 2005 - 2007 Assistant Professor
- Member of the faculty, Department of Mathematics, Faculty of Arts and Sciences, Mersin University(1993-2005)
  - 1993 - 2005 Assistant Professor
- Member of the faculty, Mersin Vocational High School, Cukurova University(1988-1993)
  - 1988 - 1993 Lecturer

## Teaching

I have taught Mathematics at Cukurova University (1988-1993), Mersin University (1993-2005) and Akdeniz University since 2005. My courses include all undergraduate Mathematics courses, Calculus, Statistics and Probability, Real Analysis, Measure Theory, Complex Analysis, PDE equations, and ODEs equations.

Courses I taught include graduate Mathematics courses (PhD and Master), Theory of Elliptic Functions, Theory of Modular Forms, Theory of Modular group, Theory of Theta functions, Functional Analysis, Complex Analysis, p-adic Analysis, p-adic L-functions, Analytic Number Theory, and Probability measure.

## Current Research Interests

- Real and Complex Analysis
- Special numbers, Special Polynomials
- Generating Functions
- Special Functions
- Fractional Calculus and Its Applications
- Integral Equations and Transforms
- q-Series and q-Analysis
- Analytic Number Theory (Modular form and Elliptic functions, Dedekind and Hardy Sums, theta functions)
- Zeta type functions
- Dirichlet series and Lambert-type series
- p-adic analysis and p-adic Distribution
- Umbral Algebra and Umbral Analysis
- Combinatorial Analysis and their applications
- Probability Distribution functions and their Applications
- Computational Science and Engineering,
- Computational Algorithms

## Awards

- Science Award, Akdeniz University Science, Service and Encouragement Awards, 2011.
- First Place Certificate in Akdeniz University, 2015 according to "Ranking of scientists in Turkish Institutions according to their Google Scholar Citations public profiles".
- Research Excellent Award, The 29th International Jangjeon Mathematical Society Conference, Pondicherry, INDIA, 2016 (with I. Kucukoglu).

## Master Students

1. Cemal Taskın, Mersin University, 1997, On relations between Weierstrass P-functions, theta functions and Dedekind sums.
2. Yasemin Cetinkaya, Mersin University, 2002, P-adic Hardy sums.
3. Esra Karlık, Mersin University, 2004, Relations between Eisenstein series and Dedekind sums.
4. Nurcan Tepe, Mersin University, 2004, q-Bernoulli Polynomials and numbers.
5. Fulya Akgul, Mersin University, 2005, Teaching Series to highschool students.
6. Selin Selen Ozbek, Akdeniz University, 2009, Generating Functions of Bernoulli numbers.
7. Burak Kurt, Akdeniz University, 2009, Hermite Apostol-Bernoulli polynomials.
8. Rahime Dere, Akdeniz University, 2011, Generating functions of some special polynomials and their applications on umbral algebra.
9. Ülker Başar, Akdeniz University, 2015, Generating Functions and Applications of Central Factorial Numbers.
10. Hamida Amrani Aziza, Akdeniz University, 2015, Combinatorial sums and their applications in probability and statistics.
11. Neslihan Kılar, Akdeniz University, 2017, Fubini Tipli Sayılar ve Bunların Üreteç Fonksiyonları (Fubini Type Numbers and Their Generating Functions).
12. Zehra Selin Aşkan, Akdeniz University, 2020, Hilbert matrisleri ve Hankel determinantlarının bazı özel polinom ve sayıları ile ilişkileri (Relationships between Hilbert matrices and Hankel determinants related to some special polynomials and numbers).
13. Damla Gün, Akdeniz University, 2020, B-Spline eğrileri ile Eulerian tipli polinomlar arasındaki ilişkiler ve bunların uygulamaları (Relation between B-Spline splines and Eulerian type polynomials and their applications).
14. D.Kaya, Leibnitz tipli sayılar ile bazı özel toplamlar arasındaki ilişkiler (Relationships between Leibnitz type numbers and some special sums).
15. Y.Çetin, Master Thesis continues

## Ph.D. Students

1. Hacer Özden, Akdeniz University and Uludag University, 2009, On p-adic q-measure and their applications.
2. Aykut Ahmet Aygüneş Akdeniz University, 2012, Hecke type operators and their application.
3. Burak Kurt, Akdeniz University, 2013, On multidimensional Hermite base Appell polynomials.
4. Rahime Dere, Akdeniz University, 2016, (q-) Umbral Calculus Sheffer type polynomials and their applications.
5. Elif Çetin, Akdeniz University and Uludag University, 2016, Some Special Finite Sums and their applications.
6. Gülşah Özdemir, Akdeniz University, 2017, Çok Değişkenli Fibonacci Tipli Polinomlar İçin Üreteç Fonksiyonları ve Uygulamaları.
7. İrem Küçüköğlü, Akdeniz University, Sonlu leksikografikal sıralı alfabe üzerinde tanımlı kelimeler ve De Bruijn tipli dizileri içeren üreteç fonksiyonları ve bunların uygulamaları, 2018.
8. Neslihan Kılar, Akdeniz University, 2021, Hermite tipli Milne-Thomson polinomlarının üreteç fonksiyonları ve bunların hesaplamalı bilimlerdeki uygulamaları (Generating functions of Hermite type Milne-Thomson polynomials and their applications in computational sciences).
9. D. Gun, Doctoral dissertation Thesis continues

## Editors/Editorial Boards in the International Mathematical Journals

- 1) **Founder and Editor-in-Chief of Montes Taurus Journal of Pure and Applied Mathematics (MTJPAM)** <http://www.mtjampjournal.com>
- 2) **Mathematical Methods in the Applied Sciences** <https://onlinelibrary.wiley.com/journal/10991476>
- 3) **Journal of Inequalities and Applications (From 2015 to March 2021)** <https://journalofinequalitiesandapplications.springeropen.com/>

- 4) **FILOMAT** <http://journal.pmf.ni.ac.rs/filomat/filomat/about/editorialTeam>
- 5) **Journal of Applied Mathematics and Informatics The Korean Society for Computational and Applied Mathematics (KSCAM)** <http://jami.or.kr/>
- 6) Member of the Editorial Board of **Journal of Intelligent System Research** (JISR) ISSN : 0975-6205; [http://serialsjournals.com/editorial-board.php?journals\\_id=275](http://serialsjournals.com/editorial-board.php?journals_id=275)
- 7) Member of the Editorial Board of **Journal of Analysis and Computation** ISSN: 0972-2861 [http://serialsjournals.com/editorial-board.php?journals\\_id=205](http://serialsjournals.com/editorial-board.php?journals_id=205)
- 8) Member of the Editorial Board of **Advanced Studies in Contemporary Mathematics (ASCM)** <http://jangjeonopen.or.kr/index.php>
- 9) Member of the Editorial Board of **Proceedings of the Jangjeon Mathematical Society**(SCOPUS, KCI Journal) <http://jangjeonopen.or.kr/index.php>
- 10) Member of the Editorial Board of **IST Transactions of Applied Mathematics-Modeling and Simulation** <http://www.istpress.com/journalInformation/view/AMMS.html>
- 11) Member of the Editorial Board of **IST Transactions of Computer Vision Systems-Theory and Applications** <http://www.istpress.com/journalInformation/view/CVSTA.html>
- 12) Member of the Editorial Board of **Journal of Inequalities and Special Functions**, <http://91.187.98.171/ilirias/jiasf/index.html>
- 13) Research in Applied Mathematics, ISSN: 2357-0482
- 14) Member of the Editorial Board of **Selcuk Journal of Applied Mathematics** <http://www.sumam.selcuk.edu.tr/nsjam.htm>
- 15) International Journal of Mathematics & Statistics, (Editor in Chief); <http://www.noblesci.com/math.html>
- 16) Guest Editor in Symmetry <https://www.mdpi.com/journal/symmetry>
- 17) Guest Editor in Advances in Difference Equations (2011)
- 18) Guest Editor in International Journal of Mathematics and Mathematical Sciences (2012)
- 19) Guest Editor of DDNS Special Issue on "Complex Dynamics, Fractional Calculus, Various Polynomials, and Zeta Functions Applied in Nature and Society" Hindawi Publishing Corporation (2015)
- 20) The Scientific World Journal; (up to 2015) <http://www.hindawi.com/journals/tswj/editors/mathematical.analysis/> \*\*
- 21) Member of the Editorial Board of **ISRN Combinatorics** (up to 2015) [http://www.isrn.com/journals/combinatorics/editors/\\*\\*](http://www.isrn.com/journals/combinatorics/editors/**)

## Other Reviewer activities

- 1) Reviewer for The Zentralblatt MATH : <http://www.emis.de/ZMATH>

- 2) Reviewer for Mathematical Reviews

<https://mathscinet.ams.org/mathscinet/search/author.html?mrauthid=331420>

## Organizing of Conferences

- 1) Mediterranean International Conference of Pure&Applied Mathematics and Related Areas since 2018
- 2) The International Conference of the Jangjeon Mathematical Society since 2003
- 3) Symposium on Generating Functions of Special Numbers and Polynomials and their Applications (GFSNP2019) since 2011.

## Participated International Programs

### Mevlana Programs

- 1) On generating functions of the special numbers and polynomials I; RUSSIA; May 18, 2014; Tomsk State University of Control Systems and Radioelectronic
- 2) On generating functions of the special numbers and polynomials I; RUSSIA; May 19, 2014; Tomsk State University of Control Systems and Radioelectronic
- 3) On generating functions of the special numbers and polynomials II; RUSSIA; May 21, 2014; Tomsk State University of Control Systems and Radioelectronic
- 4) Central Factorial numbers, Stirling Numbers and Array polynomials; RUSSIA; May 22, 2014; Tomsk State University of Control Systems and Radioelectronic
- 5) On generating function for the Bernstein polynomials and applications; RUSSIA; May 23-25, 2014; Tomsk State University of Control Systems and Radioelectronic

### Erasmus Programs

- 1) Erasmus+ Seminars and Lectures, Paris, FRANCE; September, 2017; Université d'Évry Val d'Essonne, Département de Mathématiques, Evry Cedex Paris, France
- 2) On Generating functions of the Bernstein polynomials; ROMANIA; October 25, 2013; 1 Decembrie 1918 University Of Alba Iulia
- 3) On interpolation functions of the unification Bernoulli numbers; ROMANIA; October 26, 2013; 1 Decembrie 1918 University Of Alba Iulia
- 4) Reciprocity Law of  $Y(h,k)$  Sums related to Cauchy Residue Theorem; ROMANIA; October 28, 2013; 1 Decembrie 1918 University Of Alba Iulia
- 5) Recent development on p-adic L-functions; ROMANIA; October 29, 2013; 1 Decembrie 1918 University Of Alba Iulia
- 6) On p-adic Measure and their applications; ROMANIA; October 30, 2013; 1 Decembrie 1918 University Of Alba Iulia
- 7) Erasmus Seminars on History of the Generating Functions of Special Numbers; Paris, FRANCE; May 31, 2010; Université d'Évry Val d'Essonne, Département de Mathématiques, Evry Cedex Paris, France
- 8) Erasmus Seminars on Bernoulli numbers and their generating functions; Paris, FRANCE; June 1, 2010; Université d'Évry Val d'Essonne, Département de Mathématiques, Evry Cedex Paris, France
- 9) Erasmus Seminars on Interpolation functions of the Bernoulli numbers; Paris, FRANCE; June 2, 2010; Université d'Évry Val d'Essonne, Département de Mathématiques, Evry Cedex Paris, France
- 10) Erasmus Seminars on Modular forms and applications; Paris, FRANCE; June 3, 2010; Université d'Évry Val d'Essonne, Département de Mathématiques, Evry Cedex Paris, France
- 11) Erasmus Seminars on Hecke operators and Dedekind eta functions and applications; Paris, FRANCE; June 4, 2010; Université d'Évry Val d'Essonne, Département de Mathématiques,

Evry Cedex Paris, France

- 12) Generating functions for the special numbers and polynomials and their applications; Debrecen, HUNGARY; June 05-12, 2008; Debrecen University, Hungary
- 13) Erasmus Seminars on Special Numbers; HUNGARY; May 6-12, 2006; Debrecen University, Hungary

## Visiting Professor

- 1) On Beta polynomials related the Distribution functions; July 19, 2015 ve July 25, 2015; University of Pittsburgh, Pittsburgh, **USA**
- 2) Scientific Research on Modular Forms, Hecke Operators, Generating functions and Dedekind sums; Paris, FRANCE; June 18, 2013 ve July 12, 2013; Université d'Évry Val d'Essonne, Département de Mathématiques, Evry Cedex Paris, **France**
- 3) Seminars on Generating functions for Bernstein Type Polynomials and Their Applications; Pittsburgh, USA; Jan 11, 2013; University of Pittsburgh, Pittsburgh, **USA**
- 4) Jacobi Modular forms and Elliptic Dedekind Sums; Paris, **France**; May 31-July 2, 2010; Université d'Évry Val d'Essonne, Département de Mathématiques, Evry Cedex Paris, France
- 5) Seminars on  $p$ -adic  $q$ -L-functions and their applications, Modular Forms, Hecke Operators, Generating functions and Dedekind sums; Paris, **France**; June 01, 2010 ve July 30, 2010; Université d'Évry Val d'Essonne, Département de Mathématiques, Evry Cedex Paris, France
- 6) Twisted  $p$ -adic L-functions; Daejon, **S. Korea**; July 24-27, 2008; National Institute for Mathematical Sciences Daejon, S.Korea
- 7) On  $p$ -adic two variable L-function; Seoul, **S. Korea**; August 02-06, 2008; Kwangwoon University Seoul, S.Korea
- 8) On Fourier series of the Euler function; Seoul, **S. Korea**; August 02-06, 2008; Kwangwoon University Seoul, S.Korea
- 9) Bernoulli numbers and polynomials and their applications; February 2, 2007; University of Mysore, **India**
- 10)  $q$ -Bernoulli numbers and polynomials associated with  $q$ -Riemann Zeta functions and  $q$ -Dirichlet L-functions; Jeonbuk, S.Korea; July 5, 2006; Woosuk University Jeonbuk, **S.Korea**
- 11)  $p$ -adic Hardy Sums,  $p$ -adic Dedekind sums and related areas; Kongju National University Kongju, S. KOREA; July 14, 2004 ve August 14, 2004; Kongju National University Kongju, **S. Korea**
- 12) Historical Dedekind sums and related some properties; Kongju, S. KOREA; July 26, 2004; Kongju National University Kongju, S.Korea
- 13) Reciprocity law of Dedekind and Hardy sums; July 22, 2004; KAIST (Korean Advanced Institute of Science and Technology) Daejon, **S. Korea**
- 14) Hardy sums; August 12, 2004; Kyungpook National University, **S. Korea**

## Book Chapters

- 1) Simsek, Y., Kucukoglu, I., Some Certain Classes of Combinatorial Numbers and Polynomials, Attached to Dirichlet Characters: Their Construction by  $p$ -adic Integration and Applications to Probability Distribution Functions, A Chapter in the Book: Mathematical Analysis in Interdisciplinary Research, Th. M. Rassias, I. N. Parasidis and E. Providas (Eds.), Springer International Publishing, **Springer Nature Publishing Group Switzerland**, Basel (2021), In press.
- 2) Simsek, Y., Analysis of Apostol-type numbers and polynomials with their approximations and asymptotic behavior, Approximation Theory and Analytic Inequalities, Michael Th. (Eds.), Eds., **Springer Nature Publishing Group Switzerland**, Basel 2020
- 3) Simsek, Y., Applications of Apostol-type numbers and polynomials: Approach to techniques of computation algorithms in approximation and interpolation functions, , Michael Th. (Eds.), Eds., **Springer Nature Publishing Group Switzerland**, Basel 2020.

- 4) Milovanovic G., Şimşek Y., "Dedekind and Hardy Type Sums and Trigonometric Sums Induced by Quadrature Formulas", in: *Trigonometric Sums and Their Applications* Trigonometric Sums and Their Applications eBook ISBN 978-3-030-37904-9, Raigorodskii, Andrei M., Rassias, Michael Th. (Eds.), Eds., **Springer Nature Publishing Group Switzerland**, Basel, pp.183-228, 2020.
- 5) Simsek, Y., (Editors: Milovanovic, Gradimir V.; Rassias, Michael Th.); *Analytic Theory, Approximation Theory, and Special Functions/ Families of Twisted Bernoulli Numbers, Twisted Bernoulli Polynomials, and Their Applications*; **Springer**; 2014; <http://www.springer.com/mathematics/numbers/book/978-1-4939-0257-6?otherVersion=978-1-4939-0258-3#>

## Papers in Lecture Notes in Computer Science, Springer

- 1) Y. Simsek, Deriving Novel Formulas and Identities for the Bernstein Basis Functions and Their Generating Functions, M. Floater et al. (Eds.): *MMCS 2012, LNCS 8177*, pp. 471–490, 2014. **Lecture Notes in Computer Science 8177, Springer, Heidelberg, 2014.** [http://link.springer.com/search?facet-series="558"&facet-content-type="Book"](http://link.springer.com/search?facet-series=) Editor: Marie-Laurence Mazure, Larry Schumaker, Tom Lyche
- 2) Interpolation function of generalized q-Bernstein-type basis polynomials and applications. *Curves and surfaces*, 647–662, **Lecture Notes in Computer Science, 6920, Springer, Heidelberg, 2012.** [http://link.springer.com/chapter/10.1007/978-3-642-27413-8\\_43](http://link.springer.com/chapter/10.1007/978-3-642-27413-8_43). Editor: Marie-Laurence Mazure, Larry Schumaker, Tom Lyche

## Publications in WOS (SCI, SCI-E, and E-SCI) Journals

- 1) Y. Simsek, Computational identities for extensions of some families of special numbers and polynomials, *Turkish Journal of Mathematics* **2021**. Doi: 10.3906/mat-2101-83 with I. Kucukoglu
- 2) Y. Simsek, Matrix representations for a certain class of combinatorial numbers associated with Bernstein basis functions and cyclic derangements and their probabilistic and asymptotic analyses, *Applicable Analysis and Discrete Mathematics* **15 (2021)**, 045–068 with I. Kucukoglu.
- 3) Y. Simsek, New integral formulas and identities involving special numbers and functions derived from certain class of special combinatorial sums, *RACSAM: Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas* volume 115, Article number: 66 (**2021**).
- 4) Y. Simsek, A New Family of Zeta Type Functions Involving the Hurwitz Zeta Function and the Alternating Hurwitz Zeta Function, *Mathematics* **2021**, 9(3), 233 <https://doi.org/10.3390/math9030233>. with D. Kim
- 5) Y. Simsek, Identities and relations for Hermite-based Milne–Thomson polynomials associated with Fibonacci and Chebyshev polynomials, *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas* volume 115, Article number: 28 (**2021**) with Kilar
- 6) Y. Simsek, Computational formulas and identities for new classes of Hermite-based Milne–Thomson type polynomials: Analysis of generating functions with Euler's formula; *Mathematical Methods in the Applied Sciences* **44(8) (2021)**, 6731-6762; <https://doi.org/10.1002/mma.7220>. with Kilar
- 7) Y. Simsek, New Computational Formulas for Special Numbers and Polynomials Derived from Applying Trigonometric Functions to Generating Functions, *Milan Journal of Mathematics* **2021**, <https://doi.org/10.1007/s00032-021-00333-y>, with Kilar
- 8) Y. Simsek, Applications of constructed new families of generating-type functions interpolating new and known classes of polynomials and numbers, *Mathematical Methods in the Applied Sciences* **2021**, 1-24; DOI: 10.1002/mma.7485
- 9) Y. Simsek, New classes of recurrence relations involving hyperbolic functions, special numbers and polynomials, *Applicable Analysis and Discrete Mathematics* (**2021**); Doi:10.2298/AADM201020015S
- 10) Y. Simsek, Generalized Tepper's Identity and Its Application, *Mathematics* **2020**, 8(2), 243; <https://doi.org/10.3390/math8020243>.
- 11) D. Gun and Y. Simsek, Some new identities and inequalities for Bernoulli polynomials and numbers of higher order related to the Stirling and Catalan numbers, *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas* volume 114, Article number: 167 (**2020**)

- 12) Y. Simsek, Formulas associated with combinatorial polynomials and two parametric Apostol-type polynomials, AIP Conference Proceedings 2293, 180007 (2020) with D, Gun
- 13) Y. Simsek, A New Class of Symmetric Beta Type Distributions Constructed by Means of Symmetric Bernstein Type Basis Functions, Symmetry 2020, 12(5), 779; <https://doi.org/10.3390/sym12050779> With F. Yalcin
- 14) Irem Kucukoglu, Burcin Simsek, Yilmaz Simsek, New classes of Catalan-type numbers and polynomials with their applications related to p-adic integrals and computational algorithms, Turk J Math (2020) 44: 2337 – 2355
- 15) Y. Simsek, Identities and Computation Formulas for Combinatorial Numbers Including Negative Order Changhee Polynomials, Symmetry 2020, 12(1), 9; <https://doi.org/10.3390/sym12010009> with D. Kim and S.j. So
- 16) Y. Simsek, Formulas involving sums of powers, special numbers and polynomials arising from p-adic integrals, trigonometric and generating functions, Publications de l'Institut Mathematique 2020 Volume 108, Issue 122, Pages: 103-120 <https://doi.org/10.2298/PIM2022103K> with N. Kilar
- 17) Y. Simsek, Identities and relations associated with generating function for Apostol-Genocchi type polynomials and trigonometric functions AIP Conference Proceedings 2293, 180006 (2020) with N. Kilar
- 18) Y. Simsek, Identities and Relations for Special Numbers and Polynomials: An Approach to Trigonometric Functions, Filomat 2020 Volume 34, Issue 2, Pages: 535-542 with N. Kilar
- 19) Y. Simsek, A special approach to derive new formulas for some special numbers and polynomials, Turk J Math (2020) 44: 2217 – 2240. with N. Kilar
- 20) Y. Simsek, Derivation of computational formulas for Changhee polynomials and their functional and differential equations, Journal of Inequalities and Applications volume 2020, Article number: 149 (2020) with So, J.S.,
- 21) Y. Simsek, A new family of combinatorial numbers and polynomials associated with peters numbers and polynomials, Applicable Analysis and Discrete Mathematics 2020 Volume 14, Issue 3, Pages: 627-640.
- 22) Y. Simsek, Identities and relations containing finite sums of powers of binomial coefficients, AIP Conference Proceedings 2293, 180002 (2020)
- 23) Y. Simsek, Some New Families of Special Polynomials and Numbers Associated with Finite Operators, Symmetry 2020, 12(2), 237; <https://doi.org/10.3390/sym12020237>
- 24) Y. Simsek, On Boole-Type Combinatorial Numbers and Polynomials, Filomat 2020 Volume 34, Issue 2, Pages: 559-565
- 25) Y. Simsek, Generating Functions for New Families of Combinatorial Numbers and Polynomials: Approach to Poisson–Charlier Polynomials and Probability Distribution Function, Axioms 2019, 8(4), 112 <https://doi.org/10.3390/axioms8040112>, with Kucukoglu and B. Simsek
- 26) Y. Simsek, Two Parametric Kinds of Eulerian-Type Polynomials Associated with Euler's Formula, Symmetry 2019, 11(9), 1097 with Kilar
- 27) Y. Simsek, A class of polynomials and connections with Bernoulli's numbers The Journal of Analysis , vol.27, pp.709-726, 2019, with G.V. Milovanovic, V. S. Stojanovic
- 28) Y. Simsek, An approach to negative hypergeometric distribution by generating function for special numbers and polynomials, Turkish Journal of Mathematics, vol.43, pp.2337-2353, 2019.
- 29) Y. Simsek, Identities for dirichlet and Lambert-type series arising from the numbers of a certain special word, Applicable Analysis and Discrete Mathematics 2019 Volume 13, Issue 3, Pages: 787-804 with Irem Kucukoglu
- 30) Y. Simsek, Identities and relations on the q-Apostol type Frobenius-Euler numbers and polynomials, J. Korean Math. Soc. 56 (2019), No. 1, pp. 265–284 with Irem Kucukoglu
- 31) Y. Simsek, On a family of special numbers and polynomials associated with Apostol-type numbers and polynomials and combinatorial numbers, Applicable Analysis and Discrete Mathematics 2019 Volume 13, Issue 2, Pages: 478-494 with Irem Kucukoglu
- 32) Y. Simsek, On interpolation functions for the number of k-ary Lyndon words associated with the Apostol–Euler numbers and their applications, Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas volume 113, pages281–297(2019) with Irem Kucukoglu
- 33) Y. Simsek, A new family of Lerch-type zeta functions interpolating a certain class of higher-order Apostol-type numbers and Apostol-type polynomials, Quaestiones Mathematicae Volume 42, 2019 - Issue 4 with Irem Kucukoğlu, H.M. Srivastava
- 34) Y. Simsek, Identities and relations for Fubini type numbers and polynomials via generating functions and p-adic integral approach, Publications de l'Institut Mathematique, 2019 106(120):113-123 with N. Kilar



- 35) Y. Simsek, Multidimensional Bernstein polynomials and Bezier curves: Analysis of machine learning algorithm for facial expression recognition based on curvature, Applied Mathematics and Computation Volumes 344–345, 1 March **2019**, Pages 150-162 with Kucukoglu I., Simsek B.,
- 36) Y. Simsek, Generating functions for finite sums involving higher powers of binomial coefficients: Analysis of hypergeometric functions including new families of polynomials and numbers Journal of Mathematical Analysis and Applications Volume 477, Issue 2, 15 September **2019**, Pages 1328-1352.
- 37) Y. Simsek, "Formulas for Poisson–Charlier, Hermite, Milne-Thomson and other type polynomials by their generating functions and p-adic integral approach", Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas April **2019**, Volume 113, Issue 2, pp 931–948
- 38) Y. Simsek, "Identities, inequalities for Boole-type polynomials: approach to generating functions and infinite series", Journal of Inequalities and Applications, **2019** with J. S. So.
- 39) Y. Simsek, "On Generating Functions for Boole Type Polynomials and Numbers of Higher Order and Their Applications", Symmetry-Basel, vol.11, **2019** with J. S. So.
- 40) Y. Simsek, "Identities and Relations On The Q-Apostol Type Frobenius-Euler Numbers And Polynomials", Journal Of The Korean Mathematical Society, vol.56, pp.265-284, **2019** with I. Kucukoglu
- 41) Y. Simsek, Y. Simsek, On interpolation functions for the number of k-ary Lyndon words associated with the Apostol–Euler numbers and their applications, Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas volume 113, pages281–297 (**2019**) with I. Kucukoglu
- 42) Y. Simsek, Recent development on mathematical models including human root dentin and the other applications AIP Conference Proceedings 2116, 100009 (**2019**) with K. Er
- 43) Y. Simsek, Some relationships between Fubini type polynomials and other special numbers and polynomials AIP Conference Proceedings 2116, 100017 (**2019**) with Kilar
- 44) Y. Simsek, "Identities associated with Milne-Thomson type polynomials and special numbers", Journal of Inequalities and Applications, **2018** with N. Cakic
- 45) Y. Simsek, "Identities and recurrence relations of special numbers and polynomials of higher order by analysis of their generating functions", Journal of Inequalities and Applications, **2018** with D. Kim
- 46) Y. Simsek, "New Families of Special Numbers for Computing Negative Order Euler Numbers and Related Numbers and Polynomials", Applicable Analysis And Discrete Mathematics, vol.12, pp.1-35, **2018**
- 47) Y. Simsek, "Construction of some new families of Apostol-type numbers and polynomials via Dirichlet character and p-adic q-integrals", Turkish Journal of Mathematics, vol.42, pp.557-577, **2018**
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- 76) Y. Simsek, Transformation of four Titchmarsh-type infinite integrals and generalized Dedekind sums associated with Lambert series. Adv. Stud. Contemp. Math. 9 (2004), no. 2, 195-202. (with Yang S.).
- 77) Y. Simsek, Generalized Dedekind sums associated with the Abel sum and the Eisenstein and Lambert series. Adv. Stud. Contemp. Math. 9 (2004), no. 2, 125-137.
- 78) Y. Simsek, Theorems on three-term relations for Hardy sums. Turkish J. Math. 22 (1998), no. 2, 153-162.
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- 80) Y. Simsek, On the Hermitian matrix inequalities, Pure Appl. Math. Sci. 36 (1992), no. 1-2, 29-32 (with Kurt V.).

## Participated International Conferences

- 1) Y. Simsek, Mirimanoff Polynomial: Approach to Hypergeometric and Generating Functions, The 32th Conference of the Jangjeon Mathematical Society at Far Eastren Federal University Vladivostok **RUSSIAN** 20-24 July **2019**
- 2) Mediterranean International Conference of Pure&Applied Mathematics and Related Areas (MICOPAM 2018), **Antalya-TURKEY**, 26-29 October 2018  
Y. Simsek, "Applications And Observations For Bezier Curves Involving Bernstein Polynomials" and

- “Some Formulas Related to Generating Functions Including Trigonometric Functions” with N. Kilar, International Symposium on Advanced Engineering Technologies 2-04 May 2019 Kahraman Maras Turkey
- 3) Y. Simsek, "Integral representations of generating functions for combinatorial numbers and polynomials"  
and  
"Special numbers arised from trigonometric and hyperbolic functions", with N. Kilar Mediterranean International Conference of Pure&Applied Mathematics and Related Areas (MICOPAM 2018), **Antalya-TURKEY**, 26-29 October 2018
  - 4) Y. Simsek, "Remarks And Some Formulas Associated With Combinatorial Numbers"  
and  
"Some relationships between Fubini type polynomials and other special numbers and polynomials" with N. Kilar  
and  
"Recent development on mathematical models including human root dentin and the other applications" with K. Er  
16th International Conference Of Numerical Analysis And Applied Mathematics (ICNAAM2018 2018 **Rhodes-GREECE**),
  - 5) Y. Simsek, "Remarks on families of combinatorial numbers including generating functions and their applications" "49th Southeastern International Conference on Combinatorics, Graph Theory & Computing" Student Union at Florida Atlantic University in **Boca Raton, FL. USA** March 5–9, 2018.
  - 6) Y. Simsek, "Applications Of Bernstein Polynomials Including Bezier Curvs And Structural Geology"  
and  
"Combinatorial Approach To Engineering Including Geology Problems" With I. Kucukoglu, 9th International Symposium on Eastrn Mediterranean Geology **Antalya-TURKEY** 07-11 May 2018
  - 7) Y. Simsek, "Some special polynomials derive from Peters polynomials and their applications"  
and  
"Lambert and Dirichlet Series approach to deriving identities related to the numbers of special words" with I. Kucukoglu  
The 31st International Conference of The Jangejeon Mathematical Society (ICJMS2018), Kwangwoon University, **Seoul, SOUTH KOREA**, 2018, July 2-6.
  - 8) Y. Simsek, "Relations between unification of the multidimensional Bernstein polynomials and p-adic integrals" International Congress of Mathematicians (ICM) **Rio de Janeiro, BRAZIL** on August 1st to 9th, 2018.
  - 9) Y. Simsek, "Special finite sums including Dedekind sums, Hardy sums, the sum  $Y(h,k)$ : Approach to Eisenstein series and cotangent sums", International conference on Hypercomple Analysis amd Applications, 24-26 September 2018 **Erfurt-GERMANY**.
  - 10) Y. Simsek, "Generating function for some special olynomials including Poisson-Charlier Hermite type Milne-Thomson type and the other polynomials  
and  
"Numerical evaluations on power series including the numbers of Lyndon words and interpolation functions for the Apostol-type polynomials", Apprximation and Computation Theory and Applications (ACTA2017), **Belgrade, SIRBISTAN**, 30 Kasim - 2 Aralik 2017, vol.1, no.1, pp.31-32 (with I. Kucukoglu)
  - 11) Y. Simsek, "On a family of special numbers and special polynomials associated with Apostol type numbers and polynomials and other combinatorial sums", Théorie des Nombres et Applications, Valenciennes, **FRANCE**, 2-3 Kasim 2017, vol.1, no.1, pp.21-21
  - 12) Y. Simsek, "Interpolation functions for the Apostol-type numbers and polynomials", 15th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM2017), Thessalinoki, **GREECE**, 25-30 September 2017.
  - 13) Y. Simsek, "Relations arising from combinatorial numbers and Bersntein-type basis functions", 15th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM2017), Thessalinoki, **GREECE**, 25-30 September 2017 (with I. Kucukoglu).
  - 14) Y. Simsek, "A new family of numbers and polynomials related to characters of finite abelian group", Caucasian Mathematics Conference II (CMC - II), VAN, **TURKEY**, 22-24 August 2017, pp.124-124.

- 15) Y. Simsek, "Combinatorial aspect for the special words", Caucasian Mathematics Conference II (CMC - II), VAN, **TURKEY**, 22-24 August 2017, pp.96-96 (with I. Kucukoglu).
- 16) Y. Simsek, "Combinatorial Applications of the Generating functions to the Lyndon words", The 30th International Conference of The Jangjeon Mathematical Society" (ICJMS2017), Algiers, **ALGERIA**, 12-15 July 2017, pp.94-96 (with I. Kucukoglu).
- 17) Y. Simsek, "p-adic q-Integrals approach to uniformly differentiable functions and their applications including special numbers and polynomial", The 30th International Conference of The Jangjeon Mathematical Society" (ICJMS2017) ISBN:978-9931-9222-1-6, Algiers, **ALGERIA**, 12-15 July 2017, pp.14-16
- 18) Y. Simsek, "Remarks and observations on (q-) Bernstein Basis functions", The 17th International Conference on Mathematical Methods in Science and Engineering - CMMSE 2017, Rota-Cadiz, **SPAIN**, 4-8 July 2017, vol.1-6, no.CMMSE2017, pp.1926-1931.
- 19) Y. Simsek, "Generating functions for the Bernstein basis functions and their application to probability distributions and fractals", 2017, 6th Cornell Conference on Analysis, Probability, and Mathematical Physics on Fractals, Ithaca, **USA**, 13-17 June 2017, pp.17-18.
- 20) Y. Simsek, "On Parametrization Of The Q-Bernstein Basis Functions", International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017 ), AYDIN, **TURKEY**, 11-15 May 2017, pp.189-189.
- 21) Y. Simsek, "A Note on the Numbers  $Y_n(\lambda)$  and the Polynomials  $Y_n(x; \lambda)$  and Their Generating Functions ", International Conference On Recent Advances In Pure And Applied Mathematics, Aydin, **TURKEY**, 11-15 May 2017, pp.129-129 (with I. Kucukoglu).
- 22) Y. Simsek, "Remarks and Observations on Some Special Arithmetical Sums", International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2017 ), AYDIN, **TURKEY**, 11-15 May 2017, pp.70-70 (with E. Cetin).
- 23) Y. Simsek, "Interpolation functions of the k-ary Lyndon words including Lerch-zeta type functions", International Conference On Mathematics And Engineering 2017, İstanbul, **TURKEY**, 10-12 May 2017, pp.156-156 (with I. Kucukoglu).
- 24) Y. Simsek, "Generating functions for special polynomials: analysis of the p-adic Volkenborn integral", International Conference On Mathematics And Engineering 2017, İstanbul, **TURKEY**, 10-12 May 2017, pp.140-140
- 25) Y. Simsek, "A note on array-type polynomials related to some special numbers and polynomials", International Conference On Mathematics And Engineering 2017, İstanbul, **Turkey**, 10-12 May 2017, pp.57-57 (with A. Bayad).
- 26) Y. Simsek, "Identities and Relations Associated with Lucas and Some Special Sequences", 14th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM2016), Rhodes, **GREECE**, 12-18 September 2016, pp.1-4 (with Ozdemir G.)
- 27) Y. Simsek, "On k-ary Lyndon Words and their Generating Functions", 14th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM2016) , Rhodes, **GREECE**, 19-25 September 2016, pp.1-4 (with Kucukoglu I.)
- 28) Y. Simsek, "On combinatorial type numbers related to some special numbers", 14th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM2016) , Rhodes, **GREECE**, 19-25 September 2016, pp.1-4.
- 29) Y. Simsek, Q-Bernstein Bases and Their Applications; and; Remarks and Observations on Bezier Type Curves and Their Some Applications (I. Kucukoglu), the 29th International Conference of "The Jangjeon Mathematical Society on Number Theory and Special Functions and its Applications" 08-10 August 2016, Pondicherry University, Pondicherry, **INDIA**.
- 30) Y. Simsek, "A Note On The Values Of The Twisted Barnes Zeta Functions And Their Applications", International Conference on Analysis and Its Applications  
and  
"Some Identities Of The Humbert And Generalized Chebyshev Polynomials", International Conference on Analysis and Its Applications (with Ozdemir G.)  
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Y. Simsek, "Central Factorial Type Numbers Associated With Averaging Operator", International Conference on Analysis and Its Applications (ICAA-2016) , KIRŞEHİR, **TURKEY**, 12-15 Temmuz 2016, pp.311-311

- 31) Y. Simsek, "Combinatorial applications of the special numbers and polynomials", The 14th International Conference on Permutation Patterns (PP 2016, Washington DC, **USA**, 27 Haziran - 1 Temmuz 2016, pp.116-120.
- 32) Y. Simsek, "Remarks On Combinatorial Numbers ", CIMPA Research School on "Number Theory and Applications, Tipaza, **ALGERIA**, 29 Mayıs - 2 Haziran 2016, pp.1-1
- 33) Y. Simsek, "A Note On Combinatorial Sums", International Conference on Diophantine Analysis and Related Topics, Wuhan, **CHINA**, 10-13 Mart 2016, pp.1-1
- 34) Y. Simsek, On Generating Functions for the Special Polynomials, The 23rd International Conference on Finite or Infinite Dimensional Complex Analysis and Applications, 24-28 August 2015 Kyushu Sangyo University, Fukuoka, **JAPAN**.
- 35) Y. Simsek, On generating functions for special numbers and polynomials and their applications, The 12th International Conference on Finite Fields and Their Applications 13-17 July 2015 Skidmore College Saratoga Springs NY **USA**.
- 36) Y. Simsek, A note on Stirling type numbers and Array type polynomials 29th Journées Arithmétiques 06-10 July 2015 Debrecen-**HUNGARY**.
- 37) Y. Simsek, Bernstein basis functions related to combinatorial sums involving binomial coefficients and special numbers; Unification of the B-Splines by using generating functions for the Bernstein basis (I. Kucukoglu); and; On Generating Functions For Jacobsthal and Fibonacci Polynomials of Higher Order (G. Ozdemir), The 28th International Conference of the Jangjeon Mathematical Society 15-19 May 2015 Sherwood Club Kemer Hotel Antalya **TURKEY**.
- 38) Y. Simsek, "Remarks on Bezier type curves and their applications to Geology", 30th International Conference on "Ore Potential of Alkaline, Kimberlite and Carbonatite Magmatism" 29 September-02 October 2014, Harrington Park Resort Hotel Antalya, **TURKEY**.
- 39) Y. Simsek, "Remarks on the Beta polynomials", International Conference on Advances in Applied Mathematics and Mathematical Physics: 19-21 August 2014, Yildiz Technical University Istanbul, **TURKEY**.
- 40) Y. Simsek, "Remarks on combinatorial identities related to special polynomials", The 22nd International Conference on Finite or Infinite Dimensional Complex Analysis and Applications (22nd ICFIDCAA) at Dongguk University 08-11 August 2014 Gyeongju, **KOREA**.
- 41) Y. Simsek, "A new approach to identities for the Bernstein basis functions and their generating functions", 2014 NIMS Number Theory and Cryptography Conference, 05-06 August 2014 Daejeon, **KOREA**.
- 42) Y. Simsek, "Generating functions on q-Calculus", The 27th International Conference of The Jangjeon Mathematical Society: p-adic Analysis, Umbral Algebra and Their Applications National Institute for Mathematical Sciences (NIMS) 02-04 August **2014 Daejeon, KOREA**
- 43) Y. Simsek, "Remarks on the central factorial numbers", International Congress in Honour of Professor Ravi P. Agarwal June 23-26, **2014**, Uludag University, **Bursa-TURKEY**
- 44) Y. Simsek, "Remarks on the Beta type polynomials and the Bernstein basis functions" 8th International Conference Curves and Surfaces June 12-18, **2014 Paris, FRANCE**
- 45) Y. Simsek, Probability Distributions related to the Bernstein Polynomials 9th International Statistics Day Symposium (ISDS2014, IGS2014) 10-14 May, **2014 Side Antalya, TURKEY**
- 46) Y. Simsek, "Remarks on the Bernstein basis functions and their applications" Diophantine Analysis and related fields 2014(DAM2014) Tsukuba University Tsukuba-Japon, 06-08 Marc **2014 Tsukuba-JAPAN**
- 47) Y. Simsek, "Identities for some special polynomials", Special Polynomials and their applications 06-07/08/**2013 Mysore-INDIA**
- 48) Y. Simsek, "Applications on the beta polynomials", 26th International Conference of Jangjeon Mathematical Society 01-04 /08/**2013 Bangalore, INDIA**
- 49) Y. Simsek, Remarks On Eulerian Polynomials and Numbers, 28th Journées Arithmétiques, July 01-05, **2013 Grenobel-FRANCE**
- 50) Y. Simsek, Identities associated with generalized Stirling type numbers and Eulerian type polynomials, 4th International Conference on Mathematical and Computational Applications, June 11-13, **2013 Manisa, TURKEY**
- 51) Y. Simsek, Remarks on  $Y(h,k)$ , International Conference on Applied Analysis and Mathematical Modelling (ICAAMM2013), 02-05 June **2013 Istanbul, TURKEY**.
- 52) Y. Simsek, Remarks on Beta polynomials, 1st International Western Balkan Conference of Mathematical Sciences (IWBCMS), **Elbasan-Albania**, May 30 and June 1, 2013.
- 53) Y. Simsek, PDEs related to generating functions for Bernstein polynomials, Great Plains Operator Theory Symposium, University of California, **Berkely-USA**, 21-25 May 2013

- 54) Y. Simsek,  $p$ -adic  $q$ -integral and some family of  $L$ -functions and their applications, 2013 AAPT Winter Meeting **New Orleans-USA** 05-09, January 2013.
- 55) Y. Simsek, Relations between Eulerian polynomials and Array Polynomials, Remarks on the Frobenius-Euler polynomials on the umbral algebra (with R. Dere), 10th International Conference of Numerical Analysis and Applied Mathematics **Kos-GREECE**, 19-25 September 2012.
- 56) Y. Simsek, i) Remarks on unification of the Bernstein type polynomials ii) Matrix representation of partial Hecke type operators and their applications (with A. A. Aygunes) iii) Normalized polynomials and their multiplication formulas (with R. Dere) iv) Unified representation of the family of  $L$ -functions (with H. Ozden) v) On the Generalized Apostol Type Frobenius-Euler Polynomials (with B. Kurt), International Congress in Honour of Professor Hari M. Srivastava, 23-26 August **Bursa-TURKEY**.
- 57) Y. Simsek, Relations between theta-functions and Hardy-Berndt type sums, Building Bridges: 1st US-EU conference on Automorphic Forms and related topics, 30 July-10 August 2012, **Aachen-GERMANY**.
- 58) Y. Simsek, i) Remarks on Hecke type operators ii) Applications of Umbral Algebra to Some Special Polynomials 25th International Conference of the Jangjeon Mathematical Society (ICJMS 2012), 25-28 July 2012, **Seoul-SOUTH KOREA**.
- 59) Y. Simsek, Generating Functions for special polynomials and their applications, 9th International Conference on Mathematical Problems in Engineering, Aerospace and Sciences, 11-14 July 2012, **Vienna-AUSTRIA**.
- 60) Y. Simsek, On interpolation function of the Bernstein polynomials, International Conference on the Applications of Computer Science and Mathematics in Architecture and Civil Engineering, 4-6 July 2012, **Weimar-GERMANY**.
- 61) Y. Simsek, On Generating functions for the Bernstein basis functions and their applications, Eighth International Conference on Mathematical Methods for Curves and Surfaces 28 June-03 July 2012, **Oslo-NORWAY**.
- 62) Y. Simsek, Remarks on Eulerian numbers and polynomials, 12th Colloquiumfest on Algebra and Logic and 9th Polish, Slovak and Czech Conference on Number Theory 11-14 June 2012, **Ostrava-CZECH REPUBLIC**.
- 63) Y. Simsek, Generating functions for classes of the special polynomials and numbers, International Workshop on number Theory related to Generating functions and their Arithmetic, 19-21 October 2011, University of Evry **Paris-FRANCE**.
- 64) 8th International Conference of Numerical Analysis and Applied Mathematics ICNAAM2010, 19-25 September 2011, **Hilkidiki-GREECE**.
- 65) Y. Simsek, i) A note on unification of multiple zeta functions (with A. A. Aygunes) ii) Bernoulli Type Polynomials on Umbral Algebra (with R. Dere) iii) On The Hermite Based-Second Kind Genocchi polynomials (with B. Kurt) The 24th International Conference of The Jangjeon Mathematical Society 20-23 July 2011, **Konya-TURKEY**.
- 66) Y. Simsek, A unified approach to deriving identities for Bernoulli, Euler and Bernstein polynomials the 27th Journées Arithmétiques, 27 June - 1 July 2011, **Vilnius-Lithuania**.
- 67) Y. Simsek, On generating functions for the Bernstein polynomials, The International Conference on Applied Analysis and algebra (ICAAA2011), 29-30 June and 1-2 July 2011, Yıldız Technical University, Putra University of Malaysia, and Fatih University in **Istanbul-TURKEY**.
- 68) Y. Simsek, Unification of the Bernoulli, Euler and Genocchi numbers and polynomials related to the family of zeta functions, Arctic Number Theory School 18-25 May 2011, **Helsinki-FINLAND**.
- 69) Y. Simsek, i)  $q$ -Frobenius-Euler Polynomials Related to the  $(q-)$ Bernstein Type Polynomials, with Mehmet Acikgoz, Abdelmejid Bayad and V. Loksha ii) Hecke Operators Related to the Generalized Dedekind Eta Functions and Applications, with A. Ahmet Aygunes, 8th International Conference of Numerical Analysis and Applied Mathematics ICNAAM2010, 19-25 September 2010, **Rhodes-GREECE**.
- 70) Y. Simsek, i) Construction a new generating function of Bernstein type polynomials ii) The action of Hecke operators to families of Weierstrass type functions and Weber type functions and their applications with A. Ahmet Aygunes iii) Notes on generalization of the Bernoulli type polynomials with Burak Kurt iv) Genocchi polynomials associated with the Umbral Algebra with Rahime Dere International Congress in Honour of Professor H. M. Srivastava on his 70th Birth Anniversary at Uludag University, 18-21 August 2010, **Bursa-TURKEY**.

- 71) Y. Simsek, q-Bernoulli type polynomials of higher order associated with Multiple q-zeta functions, The XIth meeting of the Canadian Number Theory Association at Acadia University, July 11-16, 2010, **Wolfville, Nova Scotia CANADA**.
- 72) Y. Simsek, Interpolation Function of Generalized q-Bernstein type polynomials and their application, Seventh International Conference on Curves and Surfaces, June 24-30, 2010, **Avignon-FRANCE**.
- 73) Y. Simsek, Genocchi type polynomials related to arbitrary positive real parameters and their interpolation function, The 23th International Conference of The Jangjeon Mathematical Society at Shahid Chamran University, February 8-10, 2010, **Ahvaz-IRAN**.
- 74) Y. Simsek, Dedekind-type sums, workshop on Dedekind sums in geometry, topology, and arithmetic, The Banff International Research Station BIRS Scientific Director, October 11 - October 16, 2009, **Nassif Ghossoub-CANADA**. ([http://www.birs.ca/birspages.php?task=displayevent&event\\_id=09w5102](http://www.birs.ca/birspages.php?task=displayevent&event_id=09w5102))
- 75) Y. Simsek, 7th International Conference of Numerical Analysis and Applied Mathematics ICNAAM 2009, 18-22 September 2009, **Crete-GREECE**. AIP Conference Proceedings Volume 1168, i-) Remarks on Interpolation Function of Higher Order (h, q)-Bernoulli Numbers with A. A. Aygunes AIP Conf. Proc. 1168 61 (2009), ii-) Applications of Hecke Operator to Generalized Dedekind Eta Functions with M. Acikgoz, I. N. Cangul, D. Kim AIP Conf. Proc. 1168 568, iii-) A p-adic Look at the Diophantine Equation  $x^2+112k = y^n$  with I. N. Cangul, G. Soydan, AIP Conf. Proc. 1168 275 (2009), iv-) Hurwitz Type Multiple Genocchi Zeta Function with H. Ozden, I. N. Cangul, AIP Conf. Proc. 1148 781 (2009).
- 76) Y. Simsek, p-adic q-L-functions, The One Day International Workshop on Mathematics and Its Applications to Engineering and Thechnology” at S.J.C. Institute of Technology Chikballapur, 17 August 2009, **Karnataka-INDIA**.
- 77) Y. Simsek, On Dedekind type DC-Sum, The 22th International Conference of The Jangjeon Mathematical Society at Adichunchanagiri Institute of Technology Chikmagalur, 13-15 August 2009, **Karnataka, INDIA**.
- 78) Y. Simsek, Multiple Interpolation Functions of Higher Order (h,q)-Bernoulli Numbers, ICNAAM 2008, (<http://www.icnaam.org/topics.htm>), 6th International Conference of Numerical Analysis and Applied Mathematics **Kos-GREECE**, 16-20 September 2008, p. 486-489, i-) Multiple Interpolation Functions of Higher Order (h,q)-Bernoulli Numbers, Yilmaz Simsek AIP Conf. Proc. 1048 486 (2008).
- 79) Y. Simsek, On p-adic q-Dedekind type sums, The 20th International Conference of The Jangjeon Mathematical Society” at Uludag University, August 21-24, 2008, **Bursa-TURKEY**.
- 80) Y. Simsek, Workshop on p-adic Fourier Analysis, Kangwoon University **Seoul S. KOREA**, 2-5 August, 2008.
- 81) Y. Simsek, p-adic Dedekind and Hardy-Berndt sums related to Volkenborn integral on  $Z_{\{p\}}$ , The 16<sup>th</sup> International Conference on Finite or Infinite Dimensional Complex Analysis and Applications, Dongguk University, July 28-August 1, 2008, **Gyeongju, S. KOREA**.
- 82) Y. Simsek, Twisted p-adic L-function, Worksop on Modular Forms and Their Applications, Institute for Mathematical Science, **Daejon-S. KOREA**, 23-27 July 2008.
- 83) Y. Simsek, q-Hardy–Berndt type sums associated with q-Genocchi type zeta and q-l-functions, World Congress of Nonlinear Analysts (<http://research.fit.edu/ifna/new/wcna2008/first.htm>) “The International Federation of Nonlinear Analysts (IFNA) WCNA-2008 Hyatt Grand Cypress Resort, July 2-July 9, 2008, **Orlando- USA**.
- 84) Y. Simsek, On generating functions of the Bernoulli polynomials with applications, The Workshop on Mathematical Methods in Applied Sciences is organized by Uludag University, Faculty of Arts and Science, May 22-23, 2008, **Bursa-TURKEY**.
- 85) Y. Simsek, p-adic q-L-functions, ICTAMI- International Conference on Theory and Applications in Mathematics and Informatics" organized by "1 Decembrie 1918" University of Alba Iulia, "Simion Stoilow" Mathematical Institute of the Romanian Academy, Kinki University and "Alexander the Great" Technological Institute of Thessalonik will be held at "1 Decembrie 1918" University of **Alba Iulia, ROMANIA** on August 30 - September 02, 2007.

- 86) Y. Simsek, Elliptic analogue of the Hardy sums related to elliptic Bernoulli functions, International Symposium on Complex Function Theory" organized by "Lucian Blaga" University of **Sibiu, ROMANIA** on August 26-29, 2007.
- 87) Y. Simsek, On generating functions of q-Euler numbers and Polynomials, International Symposium on Geometric Function Theory and application, Kultur University, August 20-24, 2007, **Istanbul, TURKEY**.
- 88) Y. Simsek, Workshop on p-adic analysis and its applications, 16-28 July 2007, **Taegu-SOUTH KOREA**.
- 89) Y. Simsek, Remarks on q-Barnes's multiple zeta function and q-Barnes multiple Bernoulli polynomials, The 19th International Conference of The Jangjeon Mathematical Society" at Department of Mathematics, Bangalore University, February 22-24, 2007, **Bangalore, INDIA**.
- 90) Y. Simsek, Generating function of the twisted q-Bernoulli polynomials and numbers related to their interpolation functions, The 17th International Conference of The Jangjeon Mathematical Society" at Department of Mathematics, Kyungpook National University, July 2-4, 2006, **Taegu, S. KOREA**.
- 91) Y. Simsek, On twisted q-Bernoulli Numbers and twisted q-L-functions, On the 17th International Conference of the Jangjeon Mathematical Society, July 8-9, 2006, **Daegu, SOUTH KOREA**.
- 92) Y. Simsek, 2005 Algebraic Geometry-Number Theory Camp, KAIST, Math. Dep., February 1-5, 2005, **Daejeon, SOUTH KOREA**.
- 93) Y. Simsek, Workshop on p-adic q- Special Functions and their applications, January 24-February 7, 2005, **Taegu-SOUTH KOREA**.
- 94) Y. Simsek, On twisted q-Hurwitz zeta function and q-two-variable L-function, International Sempodium On Analytic Function Theory, Fractional Calculus and Their Applications In Honour of Professor H. M. Srivastava on his 65th Birth Anniversary, Victoria University, 22-27 August 2005, **Victoria -CANADA**.
- 95) Y. Simsek, Remarks On Reciprocity Laws of the Dedekind and Hardy Sums, The 16th International Conference of the Jangjeon Mathematical Society Akdeniz University, , **Antalya-TURKEY**, July 04-06, 2005, Proceed. Of the 16th International Conference of the Jangjeon Math. Soc. 4-6 July 2005, 148-158.
- 96) Y. Simsek, On relations between q-Dirichlet L functions, q-Hurwitz zeta function and q-Dedekind sums, International Workshop on Analysis and Its Application, September 2004, **Mersin- TURKEY**.
- 97) Y. Simsek, On Generalized q-Hardy Character Sums, Proceedings of The 15th International Conference of the Jangjeon Mathematical Society, (Hapcheon-Dong, South Korea), (August 05-07, 2004), PP. 7-23. "On Generalized q-Hardy Character Sums", Proceedings of The 15th International Conference of the Jangjeon Mathematical Society, **Hapcheon-Dong, SOUTH KOREA**, August 05-07, 2004, pp. 7-23.
- 98) Y. Simsek, On normalized Eisenstein series and new theta functions, The Proceedings of the 14th International Conference of the Jangjeon Mathematical Society, December 2003-**Maysore- INDIA** (2003). Proceed. Jangjeon Math. Soc. 8(1) (2005), 25-34.
- 99) Y. Simsek, Theorems on Weierstrass P(z) Function Hardy sums and Eisenstein series, International Mathematical Conference VI.th Bogolubov Readings, August 26-30, (2003), pp. 300, **Kiev-UKRANIA**.

## Participated National Conferences

- 1) III. National Mathematics Symposium, August 20-24, 1990, Van-Turkey.
- 2) IV. National Mathematics Symposium, September 2-6, 1991, Hatay-Turkey.
- 3) XIII. National Mathematics Symposium, September 19-23, 1995, Adana-Turkey.
- 4) X. National Mathematics Symposium, September 1-5, 1997, Bolu-Turkey.

- 5) XI. National Mathematics Symposium, September 7-11, 1998, Isparta-Turkey.
- 6) XIV. National Mathematics Symposium, September 19-21, 2001, Eskişehir-Turkey.
- 7) XV. National Mathematics Symposium, September 4-7, 2002, Mersin-Turkey.
- 8) XXIV. National Mathematics Symposium, September 7-10 Eylül 2011 Uludag University Bursa-Turkey.
- 9) Karataş D., Şimşek Y., Ümit Talas D. , Siğirci M. , Göçer P. , Kara E., "İnsan Ve Mimaride Altın Oran: Kokleanin Morfometrik Analizine Bakış", 34. Turkish National Ear, Nose and Throat and Head Surgery , ANTALYA, TÜRKİYE, 10-14 Ekim 2012.
- 10) Y. Simsek, Functional equations for generating functions of the Bernstein basis functions, (26th National Mathematics Symposium) 26. Ulusal Matematik Sempozyumu 04-07 Eylül 2013 Diyarbakır
- 11) Y. Simsek, Special Numbers and polynomials associated with the Analytic Functions, 27th National Mathematics Symposium (27. Ulusal Matematik Sempozyumu (UMS2014)) 26-29 Ağustos 2014 Yeditepe Üniversitesi-Istanbul
- 12) Bernstein tipli baz fonksiyonları ve bunların simülasyonu üzerine(I. Kucukoglu), Çift değişkenli Fibonacci tipli polinomlar ailesi için üreteç fonksiyonları ve uygulamaları (G. Ozdemir), 28. Ulusal Matematik Sempozyumu (UMS2015)) 07-09 Eylül 2015 Akdeniz University-Antalya
- 13) Y. Simsek, "Kuvvetli Euler Sayıları ve buların üreteç fonksiyonları üzerine", 29. Ulusal Matematik Sempozyumu, MERSİN, TURKEY, 28-31 Ağustos 2016, ss.1-1

## Referee in the International Mathematical Journals

- 1) Journal of Mathematical Analysis and Applications
- 2) Mathematics of Computation
- 3) Advances in Applied Mathematics
- 4) Advances in Mathematics
- 5) Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas
- 6) Mathematics
- 7) Journal of Computational and Applied Mathematics
- 8) Applied Mathematics Letters
- 9) Computers & Mathematics with Applications
- 10) Discrete Mathematics
- 11) Discrete Applied Mathematics
- 12) Applicable Analysis and Discrete Mathematics
- 13) International Journal of Mathematics and Mathematical Sciences
- 14) Journal of Difference Equations and Applications
- 15) Advances in Difference Equations
- 16) Acta Arithmetica
- 17) Information Sciences
- 18) Integers
- 19) Glasgow Mathematical Journal
- 20) Rocky Mountain Journal of Mathematics
- 21) Journal of the Korean Mathematical Society
- 22) Abstract and Applied Analysis
- 23) Journal of Inequalities and Applications
- 24) International Journal of Computer Mathematics
- 25) Advanced Studies in Contemporary Mathematics
- 26) Proceedings of the Jangjeon Mathematics Society
- 27) Bulletin of the Korean Mathematicial Soceity
- 28) Hacettepe Journal of Math. and Stat.
- 29) Mathematica Slovaca
- 30) Bulletin of the Malasian Mathematical Society
- 31) Integral Transforms and Special Functions
- 32) Vietnam Journal of Mathematics
- 33) Banach Journal of Mathematics(BJM)



- 34) Discrete Dynamics in Nature and Society
- 35) Numerical Analysis and Applied Mathematics (ICNAAM)
- 36) Indian Journal of Mathematics (IJM)/Bulletin of the Allahaba Mathematical Society (BAMS)
- 37) African Journal of Mathematics and Computer Science Research (AJMCSR)
- 38) Selçuk Journal of Applied Mathematics
- 39) IST Transactions of Applied Mathematics-Modeling and Simulation ( AMMS )
- 40) Journal of Applied Mathematics and Computing
- 41) Bulletin of Mathematical Analysis and Applications
- 42) International Journal of Applied Mathematics and Statistics
- 43) Asian-European Journal of Mathematics (AEJM).
- 44) Ars Combinatoria
- 45) NSA Mathematical Sciences USA.
- 46) Journal of the Indian Mathematical Society
- 47) British Journal of Math. & Comp. Science
- 48) Journal of Engineering and Technology Research
- 49) Mathematical and Computer Modelling
- 50) Advanced Research in Pure Mathematics
- 51) Applicable Analysis and Discrete Mathematics
- 52) Science Journal of Mathematics and Statistics
- 53) International Journal of Biomedical Imaging
- 54) Boletim da Sociedade Paranaense de Matemática
- 55) Complex Analysis and Operator Theory
- 56) International Journal of Computer Mathematics
- 57) Journal of Applied Mathematics and Informatics
- 58) Journal of Function Spaces and Applications
- 59) Journal of Integer Sequences
- 60) Acta Scientiarum Technology
- 61) Acta Mathematica Sinica, English Series
- 62) Publications de l'Institut Mathématique
- 63) ISRN Combinatorics
- 64) Filomat
- 65) Miskolc Mathematical Notes
- 66) Axioms
- 67) Mathematica Moravica
- 68) Journal of Applied Analysis
- 69) Matematychni Studii
- 70) Journal of Classical Analysis
- 71) Iranian Journal of Mathematical Sciences and Informatics
- 72) Tokyo J. of Mathematics
- 73) Fixed Point Theory and Applications
- 74) Boundary Value Problems
- 75) Kyungpook Mathematical Journal
- 76) Journal of Applied Mathematics and Computing
- 77) Thai Journal of Mathematics
- 78) Arab Journal of Mathematical Sciences
- 79) International Journal of Mathematical Analysis
- 80) Lithuanian Mathematical Journal
- 81) Maejo International Journal of Science and Technology
- 82) Ilirias journal of mathematics
- 83) The Scientific World Journal
- 84) SpringerPlus
- 85) Journal of Applied Mathematics and Physics (JAMP)
- 86) Journal of New Theory
- 87) Iranian Journal of Science and Technology, Transaction-A
- 88) Sinop Üniversitesi Fen Bilimleri Dergisi
- 89) Karbala International Journal of Modern Science
- 90) Turkish Journal of Mathematics
- 91) Cogent mathematics
- 92) Journal of Integer Sequences

- 93) Jordan Journal of Mathematics and statistics
- 94) Bulletin Of The Allahabad Mathematical Society
- 95) Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics
- 96) Montes Taurus Journal of Pure and Applied Mathematics
- 97) Microscopy Research and Technique
- 98) Gazi University Journal of Science Part A: Engineering and Innovation
- 99) ...

## Seminars-Lectures

- 1) "Generating Functions For The Bernstein Type Polynomials And Their Applications" **University of Pittsburgh-USA**, 11 January 2013.
- 2) Look at the history of numbers and the mystery of Bernoulli Numbers Conference at Adiyaman University **Adiyaman-Turkey**, at 28 December, 2009.
- 3) On Generalized Hardy Sums at Akdeniz University **Antalya** 2009.
- 4) Twisted p-adic I-functions, Visiting Research at National Institute for Mathematical Sciences **Daejon, S. Korea** on July 24-27, 2008.
- 5) Applications of q-Calculus at Akdeniz University **Antalya-Turkey** 2008.
- 6) Seminars on "p-adic Fourier Analysis" at Kwangwoon University **Seoul, S. Korea** on August 02-06, 2008.
  - a) On p-adic two variable I-function
  - b) On fourier series of the Euler function
- 7) Bernoulli numbers and polynomials and their applications, Special Lecture at University of **Mysore-India** on February 2, 2007.
- 8) q-Bernoulli numbers and polynomials associated with q-Riemann zeta functions and q-Dirichlet I-functions, Special Lecture at Woosuk University **Jeonbuk- S.Korea** on 5 July, 2006.
- 9) Seminars on Special Numbers at Debrecen University **Hungary** on 6-12 May 2006.
- 10) Transformation of four Titchmarsh-type infinite integrals and generalized Dedekind sums associated with Lambert series, Special Lecture with Professor S. Yang at Sutherland Avenue North Vancouver **CCCS&CECM, Canada** on August 23, 2005.
- 11) Seminars on "p-adic Hardy Sums, p-adic Dedekind sums and related areas" at Kongju National University **Kongju, S. Korea** on 14-07, 2004 and 14-08-2004.
- 12) Historical Dedekind sums and related some properties, Special Lecture at at Kongju National University **Kongju, S. Korea** on 26-07, 2004.
- 13) Reciprocity law of Dedekind and Hardy sums, Special Lecture at KAIST (Korean Advanced Institute of Science and Technology) **Daejon, S. Korea** on 22-07, 2004.
- 14) Hardy sums, Special Lecture at Kyungpook National University, **S. Korea** on 12-08, 2004.
- 15) q-Carlitz Bernoulli Numbers, Mersin University Mersin-Turkey 2004.
- 16) Twisted Bernoulli Numbers, Mersin University Mersin-Turkey 2003.
- 17) On Generalized Dedekind sums, Mersin University Mersin-Turkey 2002.
- 18) Analytic continuation of q-Riemann zeta function, Mersin University Mersin-Turkey 2001.
- 19) Twisted Euler numbers, Mersin University Mersin-Turkey 2000.
- 20) On Hecke operator, Mersin University Mersin-Turkey 1994.
- 21) Hermitian Matrix Inequalities, Cukurova University Adana-Turkey 1989.

## **SPECIAL SEMINARS in 2008 with YILMAZ SIMSEK, TAEKYUN KIM, VELİ KURT, ISMAIL NACI CANGUL and HACER OZDEN at AKDENİZ UNIVERSITY ANTALYA TURKEY:**

- 1) Y. Simsek, *Interpolations functions of the (h,q)-Euler numbers*, 23-01-2008, 10.00-11.00.
- 2) V. Kurt, *On Genocchi numbers and Polynomials*, 24-01-2008, 10.00-12.00.
- 3) T. Kim, *Lebesgue-Radon Nikodym theorem related to p-adic measure*, 24-01-2008, 14.00-16.00.
- 4) I. N. Cangul, *q- Quantum Calculus*, 25-01-2008, 10.00-11.00.

- 5) Y. Simsek, *On  $(h,q)$ -I-function*, 25-01-2008,14.00-15.00.
- 6) T. Kim,  *$p$ -adic Kernel integral related to Feynman integral*,26-01-2008,10.00-11.00.
- 7) T. Kim, *On fermionic  $p$ -adic  $q$ -integrals*, 26-01-2008, 14.00-15.00.
- 8) T. Kim, *Applications of the fermionic  $p$ -adic  $q$ -integrals*, 28-01-2008, 10.00-11.00.
- 9) T. Kim, *On  $p$ -adic  $q$ -L functions related to the Volkenborn Integral*, 29-01-2008, 14.00-15.00.
- 10) T. Kim, *On open problems*, 30-02-2008, 10.00-11.00 and 14.00-15.00.
- 11) H. Ozden, *On  $p$ -adic  $q$ -measure*, 31-02-2008, 10.00-11.00.

**SPECIAL SEMINARS in 2007 with YILMAZ SIMSEK , TAEKYUN KIM, VELI KURT, ISMAIL NACI CANGUL and HACER OZDEN at AKDENİZ UNIVERSITY ANTALYA TURKEY:**

- 1) Y. Simsek,  *$p$ -adic  $q$ -zeta functions and L-functions( $p$ -adic  $q$  zeta functions and L-functions)* 26-01-2007, 10.00-11.00.
- 2) V. Kurt, *On poli  $q$ -Genocchi numbers*, 27-01-2007, 14.00-15.00.
- 3) T. Kim, *On  $p$ -adic numbers and functions*, 29-01-2007, 10.00-11.00 and 14.00-13.00.
- 4) Y. Simsek, *On twisted  $p$ -adic Dedekind Sums*, 30-01-2006, 14.00-15.00.
- 5) T. Kim,  *$p$ -adic  $q$ -Deform Volkenborn Integral and  $q$ - Changhee numbers and Functions*, 31-01-2007, 10.00-11.00.
- 6) T. Kim, *Generating functions of the  $q$ - Daehee numbers and polynomials*, 01-02-2006, 14.00-15.00.
- 7) V. Kurt, *On Dedekind sums*,02-02-2007, 10.00-11.00.
- 8) T. Kim, *On  $p$ -adic fermionic  $q$ -Volkenborn Integral and its applications*, 02-02-2007, 14.00-15.00.
- 9) T. Kim,  *$p$ -adic Laplace Transform and their applications*, 03-02-2007, 10.00-11.00 ve 14.00-15.00.
- 10) M. Cenkci,  *$p$ -adic deformed integral*, 04-02-2007, saat 10.00-11.00.
- 11) M. Can,  *$p$ -adic Hardy Sums*, 04-02-2007, 14.00-15.00.

**SPECIAL SEMINARS in 2006 with YILMAZ SIMSEK, TAEKYUN KIM, VELİ KURT, ISMAIL NACI CANGUL and HACER OZDEN at AKDENİZ UNIVERSITY ANTALYA TURKEY:**

- 1) Y. Simsek,  *$q$ -Dedekind type sums related to  $q$ -zeta functions*, 23-01-2006, 10.00-11.00.
- 2) V. Kurt, *On high dimension of Bernoulli numbers*, 23-01-2006, 14.00-15.00.
- 3) T. Kim, *On  $p$ -adic numbers and functions*, 24-01-2006, 10.00-11.00 and 14.00-13.00.
- 4) N. Unal, *Relations between  $p$ -adic  $q$ -numbers and Quantum Groups*, 25-01-2006, 10.00-11.00.
- 5) Y. Simsek, *On twisted Euler numbers and twisted I-series*, 25-01-2006, 14.00-15.00.
- 6) T. Kim, *On Multiple  $p$ -adic  $q$ - Changhee numbers and Functions*,26-01-2006, 10.00-11.00.
- 7) T. Kim, *On Multiple  $p$ -adic  $q$ - Daehee numbers and Functions*,26-01-2006, 14.00-15.00.
- 8) V. Kurt, *On  $q$ -Genocchi numbers and  $q$ -Genocchi functions*, 27-01-2006, 10.00-11.00.
- 9) T. Kim, *On  $p$ -adic  $q$ -Volkenborn Integral*, 27-01-2006, 14.00-15.00.
- 10) T. Kim, *Generating Functions of Special Functions*, 01-02-2006, 10.00-11.00 and 14.00-15.00

**SPECIAL SEMINARS in 2006 with YILMAZ SIMSEK , AKOS PINTER, VELI KURT, ISMAIL NACI CANGUL, MEHMET CENKCI, MUMIN CAN and HACER OZDEN at AKDENİZ UNIVERSITY ANTALYA TURKEY:**

- 1) Y. Simsek (Akdeniz University-Antalya TURKEY), *Generating Functions of the  $q$ -Bernoulli Numbers* 04-07-2007, 10.00-11.00.
- 2) V. Kurt (Akdeniz University-TURKEY), *On Euler and Bernoulli numbers and Polynomials*, 05-07-2007, 10.00-11.00.
- 3) Akos Pinter (Debrecen University-HUNGARY), *Diophantine equations and Bernoulli polynomials*, 06-07-2007, 10.00-11.00 and 14.00-15.00.
- 4) M. Cenkci (Akdeniz University-TURKEY), *Interpolation function of Euller Numbers*, 07-07-2007, 10.00-11.00.

- 5) Y. Simsek (Akdeniz University-TURKEY), *On  $q$ -twisted Euler numbers*, 08-07-2007, 10.00-11.00.
- 6) A. Pinter (Debrecen University-HUNGARY), *Generating functions of the incomplete Fibonacci and Lucas numbers*, 09-07-2007, 10.00-11.00.
- 7) A. Pinter (Debrecen University-HUNGARY), *Almost perfect powers in products of consecutive integers*, 11-07-2007, 10.00-11.00.
- 8) V. Kurt (Akdeniz University-Bursa TURKEY), *On  $q$ -Genocchi polynomials*, 12-07-2007, 10.00-11.00.
- 9) H. Ozden (Uludag University-Bursa TURKEY), *Relation between generating function of the Bernoulli numbers and  $p$ -adic  $q$ -Volkenborn Integral*, 13-07-2007, 10.00-11.00.
- 10) M. Can (Akdeniz University-TURKEY), *Generating Functions of Special Functions and Their applications*, 14-07-2007, 10.00-11.00.
- 11) I. N. Cangul (Uludag University-Bursa TURKEY), *On Elliptic Curves*, 15-07-2007, 10.00-11.00.

## Workshops

- 1)  $p$ -Adic  $q$ -Analysis and Its Applications at Akdeniz University, **Antalya-TURKEY**, between 23-01-2008 and 01-02-2008.
- 2) On  $p$ -adic analysis and its applications at Kyungpook National University, **S. KOREA** on 16-28 July 2008.
- 3) Mathematical methods in applied sciences at Uludag University **Bursa-TURKEY** on May 22-23, 2008.
- 4) On  $p$ -adic analysis and its applications at Kyungpook National University, **S. KOREA** on 16-28 July 2007.
- 5)  $p$ -adic  $q$ -special functions at Kyungpook National University 24-01-2005 and 07-02-2005, **S. KOREA**.
- 6) 2005 Algebraic geometry-number theory camp at Kaist on 1-5 February 2005, **Daejon-S. KOREA**.
- 7) On  $p$ -adic analysis and  $q$ -special functions, 11-14 July 2005 Uludag University, **Bursa-TURKEY**.
- 8)  $p$ -adic measure,  $p$ -adic integral and  $p$ -adic dirichlet series, Kongju National University Kongju, **S. KOREA** on 26-30 July 2004.
- 9) Analysis and its applications at Mersin University - **TURKEY**, 1-5 September 2004.
- 10) Modular forms at Mersin University, **TURKEY**, 1-20 July 2001.