

Assoc. Prof. MEHMET EMİN KÖROĞLU

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International Researcher IDs

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Publons / Web Of Science ResearcherID: P-7940-2015

ScopusID: 55389768600

Yoksis Researcher ID: 25858

Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 2012 - 2017

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Matematik, Turkey 2010 - 2012

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Yabancı Diller Yüksekokulu, Turkey 2009 - 2010

Undergraduate, Ataturk University, Fen Fakültesi, Matematik, Turkey 2006 - 2009

Biography

Mehmet Emin KÖROĞLU is an assistant professor in the department of mathematics at Yıldız Technical University. He received his M.Sc. and Ph.D. degrees in Mathematics in 2012 and 2017 from Yıldız Technical University, respectively. His research interest is mainly in the area of algebra and its applications, especially algebraic coding theory. He has more than 15 journal papers, 20 presentations in distinguished international conferences and also he has been serving as a referee for many well distinguished journals including IEEE Transactions on Very Large Scale Integration VLSI Systems, Cryptography and Communications-Discrete-Structures Boolean Functions and Sequences, Discrete Mathematics, Journal of Applied Mathematics and Computing, Quantum Information Processing and Designs, Codes and Cryptography.

Certificates, Courses and Trainings

Vocational Training, Scuola Matematica Interuniversitaria (SMI), Università Degli Studi di Perugia, 2013

Vocational Training, Pedagojik Formasyon (Öğretmenlik Sertifikası), Yıldız Teknik Üniversitesi, 2010

Dissertations

Doctorate, Bazı Grup Halkalarında Kodların Yapısı, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2017
Postgraduate, Hücrel Dönüşümlerle Hata Düzeltken Kodlar, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2012

Research Areas

Mathematics, Associative Rings and Algebras, Field Theory and Polynomials, Natural Sciences

Academic Titles / Tasks

Associate Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2023 - Continues

Assistant Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2020 - 2023

Research Assistant PhD, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2017 - 2020

Research Assistant, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2012 - 2017

Academic and Administrative Experience

Internship Coordinator, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2024 - Continues

Internship Committee Member, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2024 - Continues

Adaptation/Exemption Committee Member, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2020 - 2023

Araştırma Görevlisi Fakülte Temsilcisi, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2019 - 2020

Fakülte Kurulu Üyesi, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2019 - 2020

Fakülte Yönetim Kurulu Üyesi, Yıldız Technical University, Faculty Of Arts & Science, Department Of Mathematics, 2019 - 2020

Bölüm Stratejik Plan Komisyonu Üyesi, Yıldız Technical University, Faculty of Arts & Science, Department of Mathematics, 2018 - 2019

Bölüm Tanıtım ve Mezunlarla İlişkiler Komisyonu Üyesi, Yıldız Technical University, Faculty of Arts & Science, Department of Mathematics, 2018 - 2019

Courses

Introduction to Coding Theory, Undergraduate, 2024 - 2025, 2022 - 2023, 2021 - 2022, 2020 - 2021

Bitirme Tezi, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Discrete Mathematics, Undergraduate, 2024 - 2025

Introduction to Number Theory, Undergraduate, 2024 - 2025

Sonlu Cisimler, Doctorate, 2023 - 2024, 2022 - 2023, 2020 - 2021

Linear Algebra, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Coding Theory-1, Postgraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Abstract Mathematics, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022

Mathematics 1, Undergraduate, 2021 - 2022, 2018 - 2019

Linear Algebra-2, Undergraduate, 2021 - 2022

Mathematics 2, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

Lineer Cebir-1, Undergraduate, 2021 - 2022

Lineer Cebir ve Kontrol Mühendisliği Uygulamaları , Undergraduate, 2019 - 2020

Cebir II (Uygulama), Undergraduate, 2017 - 2018

Supervised Theses

Köroğlu M. E., On Locally Recoverable Codes, Postgraduate, R.ZENGİN(Student), 2024

Köroğlu M. E., Sonlu Grup Cebirlerinde Minimal Abelyan Kodlar, Postgraduate, N.KANGAL(Student), 2024

Köroğlu M. E., Dairesel Matrislerden LCD Kod Elde Edilmesi, Postgraduate, H.İZ(Student), 2023

Köroğlu M. E., Some special families of cyclic codes over finite fields, Postgraduate, M.MERT(Student), 2023

Jury Memberships

Doctorate, Doctorate, İstanbul Teknik Üniversitesi, January, 2024

Post Graduate, Post Graduate, İstanbul Teknik Üniversitesi, December, 2023

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, June, 2023

Doctorate, Doctorate, Sakarya Üniversitesi, June, 2021

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, July, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Constacyclic locally recoverable codes from their duals**
Zengin R., KÖROĞLU M. E.
Computational and Applied Mathematics, vol.43, no.4, 2024 (SCI-Expanded)
- II. **Skew Constacyclic Codes over a Non-Chain Ring**
KÖROĞLU M. E., SARI M.
Entropy, vol.25, no.3, 2023 (SCI-Expanded)
- III. **m-ADIC RESIDUE CODES OVER THE RING $F_q[v]/(v(s) - v)$ AND THEIR APPLICATIONS TO QUANTUM CODES**
Kuruz F., Sarı M., Köroğlu M. E.
QUANTUM INFORMATION & COMPUTATION, vol.22, no.5-6, pp.427-439, 2022 (SCI-Expanded)
- IV. **New Entanglement-Assisted Quantum MDS Codes with Maximal Entanglement**
SARI M., KÖROĞLU M. E.
INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS, vol.60, no.1, pp.243-253, 2021 (SCI-Expanded)
- V. **New entanglement-assisted MDS quantum codes from constacyclic codes**
Köroğlu M. E.
QUANTUM INFORMATION PROCESSING, vol.18, 2019 (SCI-Expanded)
- VI. **On MDS Negacyclic LCD Codes**
Köroğlu M. E., Sarı M.
FILOMAT, vol.33, pp.1-12, 2019 (SCI-Expanded)
- VII. **A Class of Constacyclic Codes from Group Algebras**
Köroğlu M. E., Siap I.
FILOMAT, vol.31, pp.2917-2923, 2017 (SCI-Expanded)
- VIII. **The reversibility problem for a family of two-dimensional cellular automata**
Köroğlu M. E., Siap I., Akin H.
TURKISH JOURNAL OF MATHEMATICS, vol.40, pp.665-678, 2016 (SCI-Expanded)
- IX. **Error Correcting Codes via Reversible Cellular Automata Over Finite Fields**
Köroğlu M. E., Siap I., Akin H.

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.39, pp.1881-1887, 2014 (SCI-Expanded)

X. **REVERSIBLE CELLULAR AUTOMATA WITH PENTA-CYCLIC RULE AND ECCs**

Şiap İ., Akn H., Köroğlu M. E.

INTERNATIONAL JOURNAL OF MODERN PHYSICS C, vol.23, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Skew Cyclic Codes over the Non-Chain ring $\mathcal{R}_q = \mathbb{F}_q[v]/\langle v^2 + 1 \rangle$**
Koroğlu M. E.
Journal of Engineering Technology and Applied Sciences, vol.7, no.1, pp.51-60, 2022 (Peer-Reviewed Journal)
- II. **ON CYCLIC CODES AND CYCLIC LCD CODES FROM THE FAMILY OF GROUP RINGS $Z(4)C(n)$**
Köroğlu M. E., Ersoy B. A.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.37, pp.541-549, 2019 (ESCI)
- III. **LCD codes and LCP of codes from units of group rings**
KOROGLU M. E.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.23, no.3, pp.486-492, 2019 (Peer-Reviewed Journal)
- IV. **Optimal codes from Fibonacci polynomials and secret sharing schemes**
Köroğlu M. E., Ozbek İ., Şiap İ.
ARABIAN JOURNAL OF MATHEMATICS, vol.6, pp.297-308, 2017 (ESCI)
- V. **Quantum Codes from a Class of Constacyclic Codes over Group Algebras**
Köroğlu M. E., Şiap İ.
MALAYSIAN JOURNAL OF MATHEMATICAL SCIENCES, vol.11, pp.289-301, 2017 (ESCI)
- VI. **Quantum codes from negacyclic codes over group ring $(Fq + vFq)G$**
Köroğlu M. E., Şiap İ.
Journal of Physics:Conference Series, vol.766, no.1, pp.1-6, 2016 (Scopus)
- VII. **The reversibility of $(2r + 1)$ -cyclic rule cellular automata**
Şiap İ., Akn H., Köroğlu M. E.
TWMS J. App. & Eng. Math, vol.4, no.2, pp.215-225, 2013 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Locality of cyclic codes whose subcodes are negacyclic codes with length $(q+1)/2$ for $q \equiv 1 \pmod{4}$**
Zengin R., Köroğlu M. E.
The 7th Mediterranean International Conference of Pure & Applied Mathematics and Related Areas (MICOPAM 2024), Antalya, Turkey, 26 - 29 October 2024, pp.316-318
- II. **Optimal constacyclic locally recoverable codes with minimum distance 2 and constacyclic codes with minimum locality**
Zengin R., Köroğlu M. E.
7th International Researchers, Statisticians, and Young Statisticians Congress, İstanbul, Turkey, 2 - 05 November 2023, pp.98
- III. **Constacyclic codes with locality at most 2 and dimension 2**
Zengin R., Köroğlu M. E.
7th International Researchers, Statisticians, and Young Statisticians Congress, İstanbul, Turkey, 2 - 05 November 2023, pp.46
- IV. **Constacyclic locally recoverable codes with locality which equals to its dimension**
Zengin R., Köroğlu M. E.
İzmir Mathematics Days V, 27 - 29 September 2023, pp.20
- V. **Minimal abelian codes of length p^n and $2p^n$**

Kangal N., Köroğlu M. E.

7th International Conference on Mathematics "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 11 July - 13 September 2023, pp.181

- VI. **Locally recoverable codes based on the matrices derived from the magic squares**
Zengin R., Köroğlu M. E.
9th International IFS and Contemporary Mathematics and Engineering Conference, Mersin, Turkey, 8 - 11 July 2023, pp.15
- VII. **Binary Locally Recoverable Codes Based on Matrices Derived from Cyclotomic Cosets**
Zengin R., Köroğlu M. E.
15th International Conference on Algebraic Hyperstructures and its Applications (AHA2023), İstanbul, Turkey, 28 - 30 July 2023, pp.56
- VIII. **A survey on the optimal ternary cyclic codes from perfect nonlinear functions**
Oskay M. M., Köroğlu M. E.
10th International Congress on Fundamental and Applied Sciences 2023 (ICFAS2023), İstanbul, Turkey, 6 - 08 June 2023, pp.55
- IX. **Locally Recoverable Codes Based on the Incidence Matrix of Some Special Graphs**
Zengin R., Köroğlu M. E.
10th International Congress on Fundamental and Applied Sciences 2023 (ICFAS2023), İstanbul, Turkey, 6 - 08 June 2023, pp.57
- X. **A class of LCD codes based on circulant matrices**
İz Öngören H., Köroğlu M. E.
2nd International E-Conference on Mathematical and Statistical Sciences: A Selcuk Meeting, İstanbul, Turkey, 5 - 07 June 2023, pp.168
- XI. **Additive polycyclic codes over F_p^2 for any prime p**
Sarı M., Köroğlu M. E.
2nd International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 4 - 06 April 2023, pp.6-9
- XII. **Skew cyclic codes over the non-chain ring $R_q = F_q[v]/v^2 + 1$**
Köroğlu M. E.
International E-Conference on Pure and Applied Mathematical Sciences (ICPAMS-2022), Sfax, Tunisia, 4 - 07 May 2022, pp.18-23
- XIII. **Skew constacyclic codes over a nonchain ring**
Köroğlu M. E., Sarı M.
26th International Conference on Applications on Computer Algebra (ACA-2021), Valladolid, Spain, 23 - 27 July 2021, pp.140-142
- XIV. **New entanglement-assisted quantum mds codes with maximal entanglement**
Köroğlu M. E., Sarı M.
7th International Congress on Fundamental and Applied Sciences 2020 (ICFAS2020), Prishtine, Kosovo, 6 - 08 October 2020, pp.1
- XV. **m -adic residue codes over $F_q[v]/(v^s - v)$ and their applications to quantum codes**
Kürüz F., Sarı M., Köroğlu M. E.
7th International Congress on Fundamental and Applied Sciences 2020 (ICFAS2020), Prishtine, Kosovo, 6 - 08 October 2020, pp.1
- XVI. **Two new classes of EAQMDS codes from constacyclic codes**
Köroğlu M. E.
International Conference on Mathematics and Mathematics Education (ICMME 2018), Ordu, Turkey, 27 - 29 June 2018, pp.128-129
- XVII. **On LCD codes from group rings**
Köroğlu M. E., Ersoy B. A.
International Congress on Fundamental and Applied Sciences 2017 (ICFAS2017), Sarajevo, Bosnia And Herzegovina, 21 - 25 August 2017, pp.90
- XVIII. **A class of LCD codes from group rings**

Köroğlu M. E., Ersoy B. A.

13th International Conference on Algebraic Hyperstructures and its Applications (AHA2017), İstanbul, Turkey, 24 - 27 July 2017, pp.1

- XIX. **On MDS negacyclic LCD codes**
Sarı M., Köroğlu M. E.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017, pp.218
- XX. **Negacyclic Hermitian LCD codes**
Köroğlu M. E., Sarı M.
International Conference on Mathematics and Engineering, İstanbul, Turkey, 10 - 12 May 2017, pp.362
- XXI. **On quantum codes via constacyclic codes from group algebras**
Köroğlu M. E., Siap I.
International Congress on Fundamental and Applied Sciences, İstanbul, Turkey, 22 - 26 August 2016, pp.62
- XXII. **Constacyclic codes over group rings**
Köroğlu M. E., Siap I.
Analysis, Topology and Algebra: The Theory and Applications (ATA2016), Cacak-Sırbistan, Chachak, Serbia And Montenegro, 6 - 09 July 2016, pp.32
- XXIII. **Quantum codes from a class of constacyclic codes over group algebras**
Köroğlu M. E., Siap İ.
International Conference on Quantum Science and Applications (ICQSA-2016), Eskişehir, Turkey, 25 - 27 May 2016, pp.116
- XXIV. **Zero divisor codes from group rings**
Köroğlu M. E., Siap I.
Mathematics Days in Tirana, Tirane, Albania, 11 - 12 December 2015, pp.22-26
- XXV. **Secret sharing schemes obtained from some special codes**
Özbek I., Köroğlu M. E., Siap I.
Noncommutative rings and their applications, IV, Arras, France, 8 - 11 June 2015, pp.30
- XXVI. **The reversibility problem for a special family of 2D cellular automata**
Köroğlu M. E., Siap I., Akın H.
3rd International Eurasian Conference on Mathematical Sciences and Applications, Vienna, Austria, 25 - 28 August 2014, pp.59
- XXVII. **Structure of codes in the group rings Z_4C_n**
Köroğlu M. E., Siap I.
Karatekin Mathematics Days 2014, Çankırı, Turkey, 11 - 13 June 2014, pp.32
- XXVIII. **Optimal code families from Fibonacci polynomials**
Köroğlu M. E., Siap I.
Karatekin Mathematics Days, Çankırı, Turkey, 11 - 13 June 2014, pp.30
- XXIX. **On one dimensional $(2r+1)$ -cyclic rule cellular automata**
Köroğlu M. E., Siap I., Akın H.
First International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2012), Priştine, Kosova, 3 - 07 September 2012, pp.150-151
- XXX. **Cellular automata based byte error correcting codes over ternary fields**
Köroğlu M. E., Siap İ., Akın H.
International Conference on Applied Analysis and Algebra (ICAAA), İstanbul, Turkey, 20 - 24 June 2012, pp.167-168
- XXXI. **Transient and Cycle Structure of Elementary Rule 150 with Reflective Boundary**
Akın H., Siap I., Köroğlu M. E.
1st International Conference on Analysis and Applied Mathematics (ICAAM), Gümüşhane, Turkey, 18 - 21 October 2012, vol.1470, pp.156-158
- XXXII. **Cellular Automata Based Byte Error Correcting Codes over Finite Fields**
Köroğlu M. E., Siap I., Akın H.
1st International Conference on Analysis and Applied Mathematics (ICAAM), Gümüşhane, Turkey, 18 - 21 October

2012, vol.1470, pp.183-186

XXXIII. Hybrid quadratic cellular automata and its applications to pseudo random number generators

Köroğlu M. E., Şiap İ., Akın H., Temiz F.

Second World Conference on Information Technology (WCIT'2011), Antalya, Turkey, 23 - 27 November 2011, pp.1166-1171

XXXIV. A family of two dimensional hybrid cellular automata and its applications to pseudo random number generators

Temiz F., Şiap İ., Akın H., Köroğlu M. E.

WCIT'2011, Antalya, Turkey, 23 - 27 November 2011, pp.1649-1655

Other Publications

I. Bazı Grup Halkalarında Kodların Yapısı

KÖROĞLU M. E.

Other, pp.68, 2017

II. Hücresel Dönüşümlerle Hata Düzeltken Kodlar

KÖROĞLU M. E.

Other, pp.107, 2012

Supported Projects

KÖROĞLU M. E., KANGAL N., Project Supported by Higher Education Institutions, Sonlu Grup Cebirlerinde Minimal Abelyan Kodlar, 2023 - 2024

Sarı M., Köroğlu M. E., Project Supported by Higher Education Institutions, Sonlu Cisimler Üzerinde Çift Polinom Devirli Toplamsal Kodlar, 2023 - 2024

KÖROĞLU M. E., ZENGİN R., Project Supported by Higher Education Institutions, Yerel Olarak Kurtarılabilir Kodlar Üzerine, 2023 - 2024

SARI M., KÖROĞLU M. E., Project Supported by Higher Education Institutions, Local Olmayan Değişmeli Halkaların Bir Sınıfı Üzerinde Aykırı-Devirli Kodlar, 2022 - 2022

Köroğlu M. E., Ersoy B. A., Project Supported by Higher Education Institutions, Structure of Codes over Group Rings, 2016 - 2017

Şiap İ., TUBITAK Project, Cisim ve Halkalar Üzerinde Tanımlı 2-Boyutlu Hücresel Dönüşümlerin Cebirsel Yapıları ve Davranışları, 2011 - 2013

Şiap İ., TUBITAK Project, Cayley Ağacı Üzerindeki Örgü Modellerin Dinamik Sistemlerinin Limit Davranışları ve Faz Diyagramları, 2010 - 2012

Memberships / Tasks in Scientific Organizations

American Mathematical Society, Member, 2018 - Continues

Scientific Refereeing

IEEE TRANSACTIONS ON INFORMATION THEORY, SCI Journal, March 2025

QUANTUM INFORMATION PROCESSING, SCI Journal, November 2024

JOURNAL OF APPLIED MATHEMATICS AND COMPUTING, SCI Journal, September 2024

JOURNAL OF ALGEBRA COMBINATORICS DISCRETE STRUCTURES AND APPLICATIONS, Other Indexed Journal, September 2024

JOURNAL OF ALGEBRA COMBINATORICS DISCRETE STRUCTURES AND APPLICATIONS, Other Indexed Journal,

September 2024

QUANTUM INFORMATION PROCESSING, SCI Journal, August 2024

CRYPTOGRAPHY AND COMMUNICATIONS, SCI Journal, June 2024

QUANTUM INFORMATION PROCESSING, SCI Journal, June 2024

QUANTUM INFORMATION PROCESSING, SCI Journal, August 2022

INTERNATIONAL JOURNAL OF THEORETICAL PHYSICS, SCI Journal, August 2022

DISCRETE MATHEMATICS, SCI Journal, August 2022

JOURNAL OF APPLIED MATHEMATICS AND COMPUTING, Journal Indexed in SCI-E, June 2022

CRYPTOGRAPHY AND COMMUNICATIONS, SCI Journal, February 2022

DISCRETE MATHEMATICS, SCI Journal, May 2021

DISCRETE MATHEMATICS, SCI Journal, February 2021

JOURNAL OF APPLIED MATHEMATICS AND COMPUTING, Journal Indexed in SCI-E, January 2021

DISCRETE MATHEMATICS, SCI Journal, January 2021

DESIGNS CODES AND CRYPTOGRAPHY, SCI Journal, January 2021

JOURNAL OF APPLIED MATHEMATICS AND COMPUTING, Journal Indexed in SCI-E, September 2020

DESIGNS CODES AND CRYPTOGRAPHY, SCI Journal, July 2020

DESIGNS CODES AND CRYPTOGRAPHY, SCI Journal, June 2020

JOURNAL OF ALGEBRA COMBINATORICS DISCRETE STRUCTURES AND APPLICATIONS, Other Indexed Journal, January 2020

Control And Cybernetics, Journal Indexed in SCI-E, December 2019

Adıyaman Üniversitesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, November 2019

Discrete Mathematics, SCI Journal, November 2019

Discrete Mathematics, SCI Journal, May 2019

International Journal of Engineering Technologies, Other Indexed Journal, May 2019

JOURNAL OF APPLIED MATHEMATICS AND COMPUTING, Journal Indexed in SCI-E, April 2019

Filomat, SCI Journal, April 2019

COMPUTATIONAL & APPLIED MATHEMATICS, SCI Journal, April 2019

JOURNAL OF APPLIED MATHEMATICS AND COMPUTING, Journal Indexed in SCI-E, February 2019

Physics Letters A, SCI Journal, January 2018

International Journal of Textile Science and Engineering, Other Indexed Journal, January 2018

Journal of Algebra and Related Topics, Other Indexed Journal, January 2018

IEEE Transactions On Very Large Scale Integration Vlsi Systems, Journal Indexed in SCI-E, December 2017

Turkish Journal Of Electrical Engineering And Computer Sciences, SCI Journal, August 2017

JOURNAL OF APPLIED MATHEMATICS AND COMPUTING, Journal Indexed in SCI-E, March 2017

Mathematics in Computer Science, Journal Indexed in ESCI, February 2017

Turkish Journal Of Mathematics, SCI Journal, December 2016

International Conference of Numerical Analysis and Applied Mathematics 2016, Conference Paper (Full Text), July 2016

IEEE Transactions On Very Large Scale Integration Vlsi Systems, Journal Indexed in SCI-E, January 2016

Tasks In Event Organizations

Köroğlu M. E., 13th Algebraic Hyperstructures and its Applications Conference, Scientific Congress, İstanbul, Turkey, Temmuz 2017

Köroğlu M. E., Aydoğdu İ., Kriptoloji ve Cebirsel Kodlama Çalıştayı, Scientific Congress, İstanbul, Turkey, Eylül 2015

Aydın Akgün F., Köroğlu M. E., AYDOĞDU İ., International Conference on Applied Analysis and Algebra, Scientific Congress, İstanbul, Turkey, Temmuz 2011

Metrics

Publication: 53

Citation (WoS): 117

Citation (Scopus): 117

H-Index (WoS): 6

H-Index (Scopus): 6

Congress and Symposium Activities

26th International Conference on Applications on Computer Algebra (ACA-2021), Invited Speaker, Valladolid, Spain, 2021

International Conference on Mathematics and Mathematics Education (ICMME 2018), Attendee, Ordu, Turkey, 2018

International Congress on Fundamental and Applied Sciences 2017 (ICFAS2017), Attendee, Sarajevo, Bosnia And Herzegovina, 2017

13th Algebraic Hyperstructures and its Applications (AHA2017), Attendee, İstanbul, Turkey, 2017

International Conference on Mathematics and Engineering, Attendee, İstanbul, Turkey, 2017

International Congress on Fundamental and Applied Sciences, Attendee, İstanbul, Turkey, 2016

Analysis, Topology and Algebra: The Theory and Applications, Attendee, Chachak, Serbia And Montenegro, 2016

International Conference on Quantum Science and Applications, Attendee, Eskişehir, Turkey, 2016

Mathematics Days in Tirana, Attendee, Tiranë, Albania, 2015

3rd International Eurasian Conference on Mathematical Sciences and Applications, Attendee, Wien, Austria, 2014

Karatekin Mathematics Days, Attendee, Çankırı, Turkey, 2014

First International Conference on Analysis and Applied Mathematics, Attendee, Gümüşhane, Turkey, 2012

International Conference on Applied Analysis and Algebra, Attendee, İstanbul, Turkey, 2012

2nd World Conference on Information Technology, Attendee, Antalya, Turkey, 2011

Scholarships

2211 Yurt İçi Doktora Bursu, TÜBİTAK, 2012 - 2017

SMI Summer School, University, 2013 - 2013