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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: W-2925-2017

Yoksis Araştırmacı ID: 57770

Eğitim Bilgileri

Doktora, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), Türkiye 2012 - 2016

Yüksek Lisans, Trakya Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), Türkiye 2009 - 2012

Lisans, Trakya Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Pr., Türkiye 2005 - 2009

Yaptığı Tezler

Doktora, Halkalar üzerinde tanımlı kodlar hakkında bazı araştırmalar, Ondokuz Mayıs Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Dr), 2016

Yüksek Lisans, Belirli tipteki halkalar üzerindeki kodlar hakkında, Trakya Üniversitesi, Fen Bilimleri Enstitüsü, Matematik (Yl) (Tezli), 2012

Araştırma Alanları

Matematik

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Ondokuz Mayıs Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2019 - Devam Ediyor

Araştırma Görevlisi, Ondokuz Mayıs Üniversitesi, Fen Fakültesi, Matematik Bölümü, 2012 - 2019

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. REVERSIBLE G -CODES OVER THE RING $F_{j,k}$ WITH APPLICATIONS TO DNA CODES
ÇENGELLENMİŞ Y., Dertli A., Dougherty S. T., Korban A., Sahinkaya S., Ustun D.
ADVANCES IN MATHEMATICS OF COMMUNICATIONS, cilt.17, sa.6, ss.1406-1421, 2023 (SCI-Expanded)
- II. APPLICATION OF CONSTACYCLIC CODES OVER THE SEMI LOCAL RING $F_{\mathfrak{p}^m} + \mathfrak{v}F(\mathfrak{p}^m)$
Bag T., Dertli A., Cengellenmis Y., Upadhyay A. K.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, cilt.51, sa.1, ss.265-275, 2020 (SCI-Expanded)

- III. **SKEW CONSTACYCLIC CODES OVER THE LOCAL FROBENIUS NON-CHAIN RINGS OF ORDER 16**
Aydin N., Cengellenmis Y., Dertli A., Dougherty S. T., Salturk E.
ADVANCES IN MATHEMATICS OF COMMUNICATIONS, cilt.14, sa.1, ss.53-67, 2020 (SCI-Expanded)
- IV. **Some Constacyclic Codes over $Z(4)[u]/\langle u^2 \rangle$, New Gray Maps, and New Quaternary Codes**
ÇENGELLENMİŞ Y., Dertli A., Aydin N.
ALGEBRA COLLOQUIUM, cilt.25, sa.3, ss.369-376, 2018 (SCI-Expanded)
- V. **On some constacyclic codes over , their images, and new codes**
Aydin N., ÇENGELLENMİŞ Y., Dertli A.
DESIGNS CODES AND CRYPTOGRAPHY, cilt.86, sa.6, ss.1249-1255, 2018 (SCI-Expanded)
- VI. **Some results on the linear codes over the finite ring $F_2 + v(1)F_2 + \dots + v(r)F_2$**
Dertli A., ÇENGELLENMİŞ Y., Eren Ş.
INTERNATIONAL JOURNAL OF QUANTUM INFORMATION, cilt.14, sa.1, 2016 (SCI-Expanded)
- VII. **On quantum codes obtained from cyclic codes over $A(2)$**
Dertli A., ÇENGELLENMİŞ Y., Eren Ş.
INTERNATIONAL JOURNAL OF QUANTUM INFORMATION, cilt.13, sa.3, 2015 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **On the DNA codes**
DERTLİ A., ÇENGELLENMİŞ Y.
Malaya Journal of Matematik, cilt.11, sa.4, ss.332-343, 2023 (Hakemli Dergi)
- II. **Gaussian Leonardo Polynomials and Applications of Leonardo Numbers to Coding Theory**
ÖZÇEVİK S. B., DERTLİ A.
JOURNAL OF SCIENCE AND ARTS, cilt.23, sa.4, 2023 (ESCI)
- III. **On the Codes over a Family of Rings and Their Applications to DNA Codes**
DERTLİ A., Çengellenmiş Y.
Mathematical Sciences and Applications E-Notes, cilt.11, sa.3, ss.164-177, 2023 (Hakemli Dergi)
- IV. **DNA Code Constructions from Some Codes over a Family of Finite Rings**
DERTLİ A., ÇENGELLENMİŞ Y.
PSJ, cilt.14, sa.5, ss.544-556, 2023 (Hakemli Dergi)
- V. **THE CYCLIC CODES OF ODD LENGTH OVER THE FINITE RING $R_{u^4,v^2,2}$ AND THEIRS DNA APPLICATIONS**
DERTLİ A., ÇENGELLENMİŞ Y.
Acta Universitatis Apulensis, 2022 (Hakemli Dergi)
- VI. **ON THE TRANSVERSAL INTERSECTION OF THE SURFACES GENERATED BY TIMELIKE BERTRAND CURVES**
KARAAHMETOĞLU S., DERTLİ A., DERTLİ R.
Acta Universitatis Apulensis, 2022 (Hakemli Dergi)
- VII. **On skew cyclic codes over a mixed alphabet and their applications to DNA codes**
Dertli A., ÇENGELLENMİŞ Y., Aydin N.
DISCRETE MATHEMATICS ALGORITHMS AND APPLICATIONS, cilt.14, sa.04, 2022 (ESCI)
- VIII. **Quantum Codes from $(1-2w-2uv)$ -constacyclic Codes over the $F_q + uF_q + vF_q + wF_q + uvF_q$**
TETİK C., DERTLİ A.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.15, 2022 (Hakemli Dergi)
- IX. **On Constacyclic Codes over $F_p + \dots + v_{1v_2}F_p$**
Balaha A., DERTLİ A.
Prespacetime Journal, 2021 (Hakemli Dergi)
- X. **The Transversal Intersection of Special Surfaces of Mannheim Curve Pairs**
KARAAHMETOĞLU S., TETİK C., DERTLİ A.
Prespacetime Journal, 2021 (Hakemli Dergi)

- XI. **On the DNA Codes as Images of Reversible Complement Cyclic Codes of Odd Length Over the Finite Ring**
ÇENGELLENMİŞ Y., DERTLİ A.
Prespacetime Journal, 2021 (Hakemli Dergi)
- XII. **QUANTUM CODES FROM CYCLIC CODES OVER THE F_q**
Tetik C., Dertli A.
JOURNAL OF SCIENCE AND ARTS, sa.3, ss.611-616, 2021 (ESCI)
- XIII. **Reversible DNA codes from skew cyclic codes over a ring of order 256**
ÇENGELLENMİŞ Y., Aydın N., DERTLİ A.
JOURNAL OF ALGEBRA COMBINATORICS DISCRETE STRUCTURES AND APPLICATIONS, 2021 (Scopus)
- XIV. **Skew lambda-cyclic Codes over Y_2**
DERTLİ A., ÇENGELLENMİŞ Y.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.13, sa.Özel Sayı - 1, ss.92-96, 2020 (Hakemli Dergi)
- XV. **On the Reversibility Problem**
ÇENGELLENMİŞ Y., DERTLİ A.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.13, sa.3, ss.1383-1388, 2020 (Hakemli Dergi)
- XVI. **On the Skew Cyclic Codes and the Reversibility Problem for DNA 4-Bases**
Cengellenmis Y., Dertli A.
MATHEMATICS IN COMPUTER SCIENCE, cilt.14, sa.2, ss.431-435, 2020 (ESCI)
- XVII. **Quantum Codes Obtained from Some Constacyclic Codes Over a Family of Finite Rings $F_p + uF(p) + vF(p)$**
Dertli A., Cengellenmis Y.
MATHEMATICS IN COMPUTER SCIENCE, cilt.14, sa.2, ss.437-441, 2020 (ESCI)
- XVIII. **Quantum Codes**
DERTLİ A., ÇENGELLENMİŞ Y.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.10, sa.1, ss.556-562, 2020 (Hakemli Dergi)
- XIX. **Linear Codes Over the Family of Finite Rings A_t**
DERTLİ A., ÇENGELLENMİŞ Y.
Prespacetime Journal, cilt.11, sa.3, ss.250-257, 2020 (Hakemli Dergi)
- XX. **Skew λ -cyclic Codes over Y_2**
DERTLİ A., ÇENGELLENMİŞ Y.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, cilt.13, ss.92-96, 2020 (Hakemli Dergi)
- XXI. **ON THE QUANTUM CODES OVER Y_q**
Dertli A., Cengellenmis Y.
JOURNAL OF SCIENCE AND ARTS, sa.4, ss.809-814, 2020 (ESCI)
- XXII. **Reversible DNA Codes Over a Family of the Finite Rings**
DERTLİ A., ÇENGELLENMİŞ Y.
MATHEMATICAL COMBINATORICS, sa.2, ss.74-79, 2020 (Hakemli Dergi)
- XXIII. **On the Gray images of some linear codes and quantum codes**
Dertli A., ÇENGELLENMİŞ Y.
Palestine Journal of Mathematics, cilt.9, sa.2, ss.626-638, 2020 (Scopus)
- XXIV. **The Quantum Codes over F_q and Quantum Quasi-cyclic Codes over F_p**
ÇENGELLENMİŞ Y., DERTLİ A.
Mathematical Sciences and Applications E-Notes, cilt.7, sa.1, ss.87-93, 2019 (Hakemli Dergi)
- XXV. **ON GRAY IMAGES OF CONSTACYCLIC CODES OVER THE FINITE RING $F_2 + u(1)F(2) + u(2)F(2)$**
ÖZKAN M., Dertli A., ÇENGELLENMİŞ Y.
TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, cilt.9, sa.4, ss.876-881, 2019 (ESCI)
- XXVI. **ON THE CYCLIC DNA CODES OVER THE FINITE RING**
ÇENGELLENMİŞ Y., DERTLİ A.
Acta Universitatis Apulensis, 2019 (Hakemli Dergi)
- XXVII. **On the cyclic DNA codes over the ring Z_8uZ_8**

- DERTLİ A., ÇENGELLENMİŞ Y.
Prespacetime Journal, 2019 (Hakemli Dergi)
- XXVIII. **On the linear codes over the ring $Z_4 v_1 Z_4 \dots v_t Z_4$**
DERTLİ A., ÇENGELLENMİŞ Y.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,
2019 (Hakemli Dergi)
- XXIX. **ON THE LINEAR CODES OVER THE RING $Z(4)$**
Dertli A., ÇENGELLENMİŞ Y.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS,
cilt.68, sa.1, ss.809-823, 2019 (ESCI)
- XXX. **On gray images of constacyclic codes over the finite ring (Formual presented)**
ÖZKAN M., Dertli A., ÇENGELLENMİŞ Y.
Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, cilt.9, sa.4, ss.876-881, 2019
(Scopus)
- XXXI. **On the Codes over the Ring $Z_4 u Z_4 v Z_4$ Cyclic, Constacyclic, Quasi-Cyclic Codes, Their Skew Codes, Cyclic DNA Skew Cyclic DNA Codes**
DERTLİ A., ÇENGELLENMİŞ Y.
Prespacetime Journal, 2019 (Hakemli Dergi)
- XXXII. **On cyclic DNA codes over the rings $Z_4 w Z_4$ and $Z_4 w Z_4 v Z_4 w v Z_4$**
DERTLİ A., ÇENGELLENMİŞ Y.
Biomath, 2017 (Hakemli Dergi)
- XXXIII. **On the reverse and reverse complement codes over $F_4 u F_4 u 2 F_4$**
DERTLİ A., ÇENGELLENMİŞ Y.
Far East Journal of Applied Mathematics, 2017 (Hakemli Dergi)
- XXXIV. **QUANTUM CODES FROM CYCLIC CODES OVER A_3**
DERTLİ A., ÇENGELLENMİŞ Y.
Acta Universitatis Apulensis, 2017 (Hakemli Dergi)
- XXXV. **SKEW CYCLIC CODES OVER F_q**
Dertli A., ÇENGELLENMİŞ Y.
JOURNAL OF SCIENCE AND ARTS, cilt.47, sa.2, ss.862-868, 2017 (ESCI)
- XXXVI. **Skew cyclic codes over $F_q F_q v F_q v F_q$**
DERTLİ A., ÇENGELLENMİŞ Y.
Journal of Science and Arts, 2017 (ESCI)
- XXXVII. **Some results on linear codes over the finite ring $Z_4 u Z_4 v Z_4$ MacWilliams identities MDS codes**
DERTLİ A., ÇENGELLENMİŞ Y.
Journal of Science and Arts, 2016 (ESCI)
- XXXVIII. **On the linear codes over the ring $R-p$**
Dertli A., ÇENGELLENMİŞ Y., Eren Ş.
DISCRETE MATHEMATICS ALGORITHMS AND APPLICATIONS, cilt.8, sa.2, 2016 (ESCI)
- XXXIX. **On Linear Codes Over a Non Chain Ring**
DERTLİ A., ÇENGELLENMİŞ Y., EREN Ş.
International J.Math. Combin., 2016 (Hakemli Dergi)
- XL. **On $1 u$ cyclic and Cyclic Codes over $F_2 u F_2 v F_2$**
DERTLİ A., ÇENGELLENMİŞ Y.
European Journal of Pure and Applied Mathematics, 2016 (Hakemli Dergi)
- XLI. **Cyclic and Skew Cyclic Codes over the $F_q v_1 F_q v_k F_q$**
DERTLİ A., ÇENGELLENMİŞ Y.
Journal of Science and Arts, 2016 (ESCI)
- XLII. **SOME RESULTS ON LINEAR CODES OVER THE FINITE RING $Z(4)+uZ(4)$**
Dertli A., Cengellenmis Y.
JOURNAL OF SCIENCE AND ARTS, sa.3, ss.209-214, 2016 (ESCI)

- XLIII. **CYCLIC AND SKEW CYCLIC CODES OVER THE F_q**
Dertli A., ÇENGELLENMİŞ Y.
JOURNAL OF SCIENCE AND ARTS, sa.1, ss.13-22, 2016 (ESCI)
- XLIV. **On (1**
Dertli A., ÇENGELLENMİŞ Y.
EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS, cilt.9, sa.3, ss.305-313, 2016 (ESCI)
- XLV. **On the Codes over a Semilocal Finite Ring**
Dertli A., ÇENGELLENMİŞ Y., Eren Ş.
INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, cilt.6, sa.10, ss.283-292, 2015 (ESCI)
- XLVI. **Quantum Codes Over $F_2[u, v]$**
DERTLİ A., ÇENGELLENMİŞ Y., EREN Ş.
Palestine Journal of Math., 2015 (Hakemli Dergi)
- XLVII. **On Skew Cyclic and Quasi cyclic Codes Over $F_2[u, v]$**
DERTLİ A., ÇENGELLENMİŞ Y., EREN Ş., NAKİBOĞLU TEZER M., ŞERİFAKİ E. A.
Palestine Journal of Math., 2015 (Hakemli Dergi)
- XLVIII. **Quantum Codes over the Ring $F_2[u, v]$**
DERTLİ A., ÇENGELLENMİŞ Y., EREN Ş.
International Journal Of Algebra, 2015 (Hakemli Dergi)
- XLIX. **Quantum codes obtained from some constacyclic codes over a family of the finite rings $F_{p^m}[u]$**
DERTLİ A., ÇENGELLENMİŞ Y.
MATHEMATICS IN COMPUTER SCIENCE, 1900 (Hakemli Dergi)

Kitap & Kitap Bölümleri

- I. **On the $(1, u, v)$ -Constacyclic and Cyclic Codes Over the Finite Ring $F_2[u, v]$**
GÜZEL G. G., DERTLİ A., ÇENGELLENMİŞ Y.
Notes from the International Autumn School on Computational Number Theory, Ilker Inam, Engin Büyükaşık, Editör, Birkhäuser, Cham, ss.323-329, 2019

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Tersinirlik Problemi Hakkında**
ÇENGELLENMİŞ Y., DERTLİ A.
32. Ulusal Matematik Sempozyumu, Türkiye, 31 Ağustos - 03 Eylül 2019
- II. **Hadamard Kodlar**
DERTLİ A., TETİK C.
32. Ulusal Matematik Sempozyumu, Türkiye, 31 Ağustos - 03 Eylül 2019
- III. **Y_2 Halkası Üzerinde Tanımlı Skew -cyclic Kodlar**
DERTLİ A., ÇENGELLENMİŞ Y.
32. Ulusal Matematik Sempozyumu, Türkiye, 31 Ağustos - 03 Eylül 2019
- IV. **A_t Halkası Üzerindeki Lineer Kodlar**
DERTLİ A., ÇENGELLENMİŞ Y.
14. Ankara Matematik Günleri, Türkiye, 28 - 29 Haziran 2019
- V. **On the Constacyclic and Cyclic Codes over the Class of Finite Rings $F_k[u, v]$**
GÜZEL G. G., DERTLİ A., ÇENGELLENMİŞ Y.
24th Conference on Applications of Computer Algebra, Santiago del Estero, Arjantin, 18 - 22 Haziran 2018
- VI. **On the skew cyclic codes and the reversibility problem for DNA 4-bases,**
ÇENGELLENMİŞ Y., DERTLİ A.

24th Conference on Applications of Computer Algebra, ACA2018, 22 - 24 Haziran 2018

VII. **Quantum codes from constacyclic codes over the finite ring $F_p u F_p v F_p$**

DERTLİ A., ÇENGELLENMİŞ Y.

24th Conference on Applications of Computer Algebra, ACA2018, Santiago de Compostela, Spain, 22 - 24 Haziran 2018

VIII. **Cyclic DNA codes over rings**

ÇENGELLENMİŞ Y., DERTLİ A.

International Conference on Computational and Statistical Methods in Applied Sciences, 9 - 11 Kasım 2017

IX. **Skew cyclic codes over the ring $Z_4 u Z_4$**

DERTLİ A., ÇENGELLENMİŞ Y., EREN Ş.

International Conference on Computational and Statistical Methods in Applied Sciences, 9 - 11 Kasım 2017

X. **Eliptik eğriler**

DERTLİ A., KARAAHMETOĞLU S., UYSAL Ö.

13. Geometri Sempozyumu, Türkiye, 27 - 30 Temmuz 2015

XI. **On Skew Cyclic and Quasi cyclic Codes Over $F_2 u F_2 u F_2$**

DERTLİ A., ÇENGELLENMİŞ Y., EREN Ş., TOKUR M.

International Conference on Algebra and Number Theory, 5 - 08 Ağustos 2014

XII. **On Quantum Codes Obtained From Cyclic Codes Over $F_2 u F_2 u F_2 u m F_2$**

DERTLİ A., ÇENGELLENMİŞ Y., EREN Ş., DURGUN D., ÇELİK İ.

International Congress in Honour of Professor Ravi P. Agarwal, 23 - 26 Haziran 2014

XIII. **$F_2 u F_2 v F_2$ Halkası Üzerindeki Kodlar**

DERTLİ A., ÇENGELLENMİŞ Y., EREN Ş.

14. Matematik Sempozyumu, Türkiye, 14 Mayıs 2015 - 16 Mayıs 2014

XIV. **Skew cyclic codes over an infinite family of ring**

ÇENGELLENMİŞ Y., DERTLİ A., Steven D.

ICAAA, İstanbul, Türkiye, 20 - 24 Haziran 2012

XV. **On the codes over rings**

ÇENGELLENMİŞ Y., DERTLİ A.

The 24th international conference of jangjeon mathematical society., 19 - 23 Temmuz 2011