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Personal Information

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Post Address: Karadeniz Teknik Üniversitesi Fen Fakültesi Matematik Bölümü

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2006 - 2012

Post Graduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2002 - 2006

Under Graduate, Karadeniz Technical University, Fatih Eğitim Fakültesi, Orta Öğretim Fen Ve Matematik Alanları Eğitimi
Matematik Öğretmenliği, Turkey 2007 - 2001

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Akademik Düzeyde Araştırma Projesi Hazırlama, Karadeniz Teknik Üniversitesi, 2015

Dissertations

Doctorate, Bir Tıp Modüler Graf ve Fibonacci Sayıları, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, 2012

Post Graduate, Reel W^* Cebirleri için Vonm Neumann Eş Sabiti, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik, 2006

Research Areas

Mathematics, Natural Sciences

Academic Titles / Tasks

Karadeniz Technical University, Fen Fakültesi, Matemaik, 2018 - Continues

Lecturer PhD, Karadeniz Technical University, Fen Fakültesi, Matematik Bölümü, 2010 - 2018

Courses

MÜHENDİSLİK MATEMATİĞİ, Under Graduate, 2013 - 2014

DİFERANSİYEL DENKLEMLER, Under Graduate, 2013 - 2014, 2014 - 2015

Sosyal Bilimler İçin Matematik 1, Under Graduate, 2014 - 2015

Matematik 2, Under Graduate, 2010 - 2011, 2013 - 2014

DİFERANSİYEL DENKLEMLER, Under Graduate, 2013 - 2014, 2014 - 2015

MATEMATİK 1, Under Graduate, 2014 - 2015
Diferansiyel Denklemler, Under Graduate, 2011 - 2012, 2014 - 2015
Diferansiyel Denklemler, Under Graduate, 2011 - 2012, 2013 - 2014, 2014 - 2015
GENEL MATEMATİK, Under Graduate, 2013 - 2014
DİFERANSİYEL DENKLEMLER, Under Graduate, 2013 - 2014
Matematik 2, Under Graduate, 2011 - 2012
Matematik II, Under Graduate, 2011 - 2012
Mühendislik Matematiği, Under Graduate, 2011 - 2012
Mühendislik Matematiği, Under Graduate, 2011 - 2012
Matematik 1, Under Graduate, 2011 - 2012
Matematik 3 (dif. Denk.), Under Graduate, 2011 - 2012
Matematik 2, Under Graduate, 2010 - 2011

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **The normalizer of $\Gamma(k)(0)(n)$**
Sanlı Z., KÖROĞLU T., GÜLER B. Ö.
MATHEMATICAL METHODS IN THE APPLIED SCIENCES, vol.42, pp.5403-5415, 2019 (Journal Indexed in SCI)
- **Suborbital graphs for the Atkin-Lehner group**
KÖROĞLU T., GÜLER B. Ö. , Sanlı Z.
TURKISH JOURNAL OF MATHEMATICS, vol.41, pp.235-243, 2017 (Journal Indexed in SCI)
- **NOTES ON LOCALLY INTERNAL UNINORM ON BOUNDED LATTICES**
ÇAYLI G. D. , ERTUĞRUL Ü., KÖROĞLU T., KARAÇAL F.
KYBERNETIKA, vol.53, pp.911-921, 2017 (Journal Indexed in SCI)
- **Solutions to some congruence equations via suborbital graphs**
GÜLER B. Ö. , KÖROĞLU T., ŞANLI Z.
SPRINGERPLUS, vol.1327, no.5, pp.1-11, 2016 (Journal Indexed in SCI Expanded)
- **Disconnectedness of the subgraph F-3 for the group $\Gamma(3)$**
AKBAŞ M., Kor T., KESICIOĞLU Y.
JOURNAL OF INEQUALITIES AND APPLICATIONS, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- **IMPROVED HERMITE-HADAMARD TYPE INEQUALITIES FOR CONVEX FUNCTIONS VIA KATUGAMPOLA FRACTIONAL INTEGRALS**
Sanlı Z., KUNT M., KÖROĞLU T.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.37, pp.461-474, 2019 (Journal Indexed in ESCI)
- **New Riemann–Liouville fractional Hermite–Hadamard type inequalities for harmonically convex functions**
Şanlı Z., KUNT M., KÖROĞLU T.
Arabian Journal of Mathematics, 2019 (Journal Indexed in ESCI)
- **IMPROVED HERMITE HADAMARD TYPE INEQUALITIES FOR HARMONICALLY CONVEX FUNCTIONS VIA KATUGAMPOLA FRACTIONAL INTEGRALS**
Sanlı Z., KÖROĞLU T., KUNT M.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.68, pp.1556-1575, 2019 (Journal Indexed in ESCI)
- **Directed Suborbital Graphs on the Poincare Disk**
BEŞENK M., KÖROĞLU T.
Karaelmas Science and Engineering Journal, vol.8, pp.555-560, 2018 (Refereed Journals of Other Institutions)
- **Suborbital graphs of a power subgroup of the modular group**
ŞANLI Z., KÖROĞLU T., GÜLER B. Ö.

NEW TRENDS in MATHEMATICAL SCIENCES, vol.6, no.1, pp.139-144, 2018 (Refereed Journals of Other Institutions)

- **NEW CONFORMABLE FRACTIONAL HERMITE HADAMARD TYPE INEQUALITIES FOR HARMONICALLY CONVEX FUNCTIONS**

Sanlı Z., KÖROĞLU T.

JOURNAL OF MATHEMATICAL ANALYSIS, vol.9, pp.77-91, 2018 (Journal Indexed in ESCI)

- **Some generalized suborbital graphs**

KÖROĞLU T., GÜLER B. Ö. , ŞANLI Z.

TURK. J. MATH. COMPUT. SCI., vol.7, no.2, pp.90-95, 2017 (Refereed Journals of Other Institutions)

- **Some Generalized Suborbital Graphs**

KÖROĞLU T., GÜLER B. Ö. , Şanlı Z.

Turkish Journal of Mathematics and Computer Science, pp.90-95, 2017 (Refereed Journals of Other Institutions)

- **New general integral inequalities for Lipschitzian functions via Riemann-Liouville fractional integrals and applications**

İşcan İ., KUNT M., YAZICI GÖZÜTOK N., KÖROĞLU T.

JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS, vol.7, no.4, pp.1-12, 2016 (Journal Indexed in ESCI)

- **Orbital Graphs for the Small Residue Class of PSL(2,5)**

BEŞENK M., GÜLER B. Ö. , KÖROĞLU T.

General Mathematics Notes, vol.37, no.1, pp.20-31, 2016 (Refereed Journals of Other Institutions)

- **Orbital Graphs for the Small Residue Class of PSL(2,5)**

BEŞENK M., GÜLER B. Ö. , KÖROĞLU T.

GENERAL MATHEMATICAL NOTES, vol.37, no.1, pp.20-31, 2016 (Refereed Journals of Other Institutions)

- **NEW GENERAL INTEGRAL INEQUALITIES FOR LIPSCHITZIAN FUNCTIONS VIA RIEMANN-LIOUVILLE FRACTIONAL INTEGRALS AND APPLICATIONS**

İŞCAN İ., KUNT M., YAZICI GÖZÜTOK N., KÖROĞLU T.

JOURNAL OF INEQUALITIES AND SPECIAL FUNCTIONS, vol.7, pp.1-12, 2016 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- **The Guiding Role of Dynamic Mathematics Software to Solve a Real-Life Problem: Tea Cup Problem**

KÖSA T., KÖROĞLU T.

15th International Geometry Symposium, 3 - 06 July 2017

- **On the Geometry of Modular Group**

KÖROĞLU T., Şanlı Z., GÜLER B. Ö.

15. International Geometry Symposium, Amasya, Turkey, 3 - 06 June 2017, pp.232

- **Gamma3 Grubunun Genişletilmiş Rasyonel Sayılar Üzerindeki Hareketi ve Fibonacci Sayıları**

KÖROĞLU T.

14. Matematik Sempozyumu, Niğde, Turkey, 14 - 16 May 2015, pp.74

- **Some notes on locally internal uninorm on bounded lattices**

KÖROĞLU T., ÇAYLI G. D. , ERTUĞRUL Ü., KARAÇAL F.

International Conference on Mathematics and Mathematics Education (ICMME 2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.166-167

- **On Primitive Action of Atkin Lehner Group**

Şanlı Z., KÖROĞLU T., GÜLER B. Ö.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017, pp.368

- **On Trees of the Group Gamma Square**

Şanlı Z., KÖROĞLU T., GÜLER B. Ö.

INTERNATIONAL CONFERENCE ON MATHEMATICS AND ENGINEERING, İstanbul, Turkey, 10 - 12 May 2017, pp.381

- **Some notes on locally internal uninorm on bounded lattices**

KÖROĞLU T., ÇAYLI G. D. , ERTUĞRUL Ü., KARAÇAL F.

International Conference on Mathematics and Mathematics Education, ICMME 2017, Şanlıurfa, Turkey, 11 - 13 May

2017, pp.166-167

- **Some Generalized Suborbital Graphs**

KÖROĞLU T., GÜLER B. Ö. , ŞANLIZ.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.162-163

- **Some Notes On Locally Internal Uninorm On Bounded Lattices**

KÖROĞLU T., ÇAYLI G. D. , ERTUĞRUL Ü., KARAÇAL F.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Şanlıurfa, Turkey, 11 - 13 May 2017, pp.166-167

- **Statistical Mechanics and Modular Group**

GÜLER B. Ö. , KÖROĞLU T.

Xth International Statistics Days Conference (ISDC 2016), Giresun, Turkey, 7 - 09 October 2016, pp.814-820

- **New Ostrowski Type Inequalities for Harmonically Quasi-Convex Functions**

KÖROĞLU T., İŞCAN İ., KUNT M.

Xth International Statistics Days Conference, Giresun, Turkey, 7 - 09 October 2016, pp.769-776

- **Suborbital Graphs For The Residue Class Of $PSL(2, Z_n)$**

BEŞENK M., GÜLER B. Ö. , KÖROĞLU T.

2. International Conference on Analysis and its Applications, Kırşehir, Turkey, 12 - 15 July 2016, pp.73

- **Commutator Subgroup of Modular Group and Fibonacci Numbers**

KÖROĞLU T.

Conference on Mathematics and Mathematics Education, Elazığ, Turkey, 12 - 14 May 2016, pp.37

- **Suborbital Graphs of Atkin-Lehner Group**

KÖROĞLU T.

International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 8 - 12 June 2015, pp.333

- **Disconnectedness of the Subgraph F^3 for the Group Γ^3**

AKBAŞ M., KÖROĞLU T., Kesicioğlu Y.

International Congress in Honour of Professor H. M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.91

- **On Some Advantages of Using Mathematics Software**

Kor T., DEĞER A. H. , Besenk M., Guler B. O.

16th Asian Technology Conference in Mathematics (ATCM2011), Bolu, Turkey, 19 - 23 September 2011, pp.203-210

- **Reel W^* Cebirleri İçin Von Neumann Eş Sabiti**

Cansu M. N. , KÖROĞLU T., Kesicioğlu Y.

XIX. Ulusal Matematik Sempozyumu, Kütahya, Turkey, 22 - 25 August 2006, vol.1, no.1, pp.458-472

- **Reel Sonlu Faktörler İçin İndeks Kavramı**

Rakhimov A., KÖROĞLU T., Kesicioğlu Y.

XX. Ulusal Matematik Sempozyumu, Erzurum, Turkey, 22 - 25 August 2005, pp.9

Citations

Total Citations (WOS):6

h-index (WOS):2