

# Prof. Uğur Selamet KIRMACI

## Personal Information

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## International Researcher IDs

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## Education Information

Doctorate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, Turkey 1987 - 1994

Postgraduate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, Turkey 1986 - 1987

Undergraduate, Ataturk University, Fen Fakültesi, Matematik, Turkey 1980 - 1984

## Foreign Languages

English, B1 Intermediate

## Dissertations

Doctorate, Modular Formlar üzerine bazı bağıntılar, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 1994

Postgraduate, Fourier serileri ve Laurent serileri ve aralarındaki bağıntılar, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 1987

## Research Areas

Mathematics, Functional Analysis, General Mathematics, Real Functions, Integral Equations, Natural Sciences

## Academic Titles / Tasks

Professor, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 1985 - Continues

## Academic and Administrative Experience

Head of Department, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2015 - 2016

## Courses

Soyut Matematik I, Undergraduate, 2018 - 2019  
Analiz IV, Undergraduate, 2017 - 2018  
Soyut Matematik II, Undergraduate, 2018 - 2019  
Kompleks Fonksiyonlar Teorisi I, Undergraduate, 2017 - 2018  
Kompleks Fonksiyonlar Teorisi II, Undergraduate, 2017 - 2018  
Analiz II, Undergraduate, 2012 - 2013

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, İstanbul Ticaret Üniversitesi, November, 2017  
Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, November, 2015  
Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, June, 2014  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2010  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2009

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Some Remarks On Cusp Forms on the Full Modular Group  $\Gamma_1$** ,  
KIRMACI U. S.  
BRITISH JOURNAL OF MATHEMATICAL & STATISTICAL PSYCHOLOGY, vol.16, pp.1-10, 2016 (SCI-Expanded)
- II. **On New Integral Inequalities with Applications**,  
KIRMACI U. S.  
AMERICAN REVIEW OF PUBLIC ADMINISTRATION, vol.2, pp.107-124, 2014 (SSCI)
- III. **SOME INEQUALITIES OF HERMITE-HADAMARD TYPE FOR  $s$ -CONVEX FUNCTIONS**  
Alomari M. W., Darus M., Kirmaci U. S.  
ACTA MATHEMATICA SCIENTIA, vol.31, no.4, pp.1643-1652, 2011 (SCI-Expanded)
- IV. **Refinements of Hadamard type inequalities for quasi convex functions with applications to trapezoidal formula and to special means**  
KIRMACI U. S., alomari M.  
INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS, vol.59, no.1, pp.225-232, 2010 (SCI-Expanded)
- V. **Improvement and further generalization of inequalities for differentiable mappings and applications**  
KIRMACI U. S.  
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.55, no.3, pp.485-493, 2008 (SCI-Expanded)
- VI. **Hadamard-type inequalities for  $s$ -convex functions**  
KIRMACI U. S., Bakula M. K., Ozdemir M. E., Pecaric J.  
APPLIED MATHEMATICS AND COMPUTATION, vol.193, no.1, pp.26-35, 2007 (SCI-Expanded)
- VII. **Inequalities for differentiable mappings and applications to special means of real numbers and to midpoint formula**  
KIRMACI U. S.  
APPLIED MATHEMATICS AND COMPUTATION, vol.147, no.1, pp.137-146, 2004 (SCI-Expanded)
- VIII. **Some inequalities for mappings whose derivatives are bounded and applications to special means of real numbers**  
KIRMACI U. S., Özdemir M. E.  
APPLIED MATHEMATICS LETTERS, vol.17, no.6, pp.641-645, 2004 (SCI-Expanded)
- IX. **On some inequalities for differentiable mappings and applications to special means of real numbers and to midpoint formula**  
KIRMACI U. S., Ozdemir M.  
APPLIED MATHEMATICS AND COMPUTATION, vol.153, no.2, pp.361-368, 2004 (SCI-Expanded)

- X. **On automorphic and modular forms in the space of the homogeneous polynomials with degree 21 and applications to the special matrix**  
 Ozdemir M., Kirmaci U., Ocak R., Donmez A.  
 APPLIED MATHEMATICS AND COMPUTATION, vol.152, no.3, pp.897-904, 2004 (SCI-Expanded)
- XI. **Two new theorem on mappings Uniformly Continuous and Convex with Applications to quadrature rules and means,**  
 KIRMACI U. S., Özdemir M. E.  
 APPLIED MATHEMATICS AND COMPUTATION, vol.143, pp.269-274, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **On Generalizations of Hölder's and Minkowski's Inequalities**  
 SELAMET U.  
 Mathematical Sciences and Applications E-Notes, vol.11, no.4, pp.213-225, 2023 (Peer-Reviewed Journal)
- II. **Cusp Forms Whose Fourier Coefficients Involve Dirichlet Series**  
 KIRMACI U. S.  
 Asian Research Journal of Mathematics,, vol.2, pp.1-10, 2017 (Non Peer-Reviewed Journal)
- III. **Opinions Of High School Students About Mathematical Proof**  
 ÖZDEMİR F., HÜSRA ö., KAPLAN A., KIRMACI U. S.  
 Turkish Online Journal Of Educational Technology, pp.372-378, 2015 (Scopus)
- IV. **Generalizations of the Hermite Hadamard type inequalities for functions whose derivatives are s convex**  
 KIRMACI U. S.  
 ACTA ET COMMENTATIONES UNIVERSITATIS TARTUENSIS DE MATHEMATICA, vol.17, pp.157-169, 2013 (ESCI)
- V. **On Some Hermite Hadamard Type Inequalities for Twice Differentiable Mappings and Applications**  
 KIRMACI U. S.  
 TAMKANG JOURNAL OF MATHEMATICS, vol.44, pp.41-51, 2013 (Scopus)
- VI. **On Fractional Differentiable s- Convex Functions**  
 KIRMACI U. S.  
 JORDAN JOURNAL OF MATHEMATICS AND STATISTICS, vol.3, pp.33-42, 2010 (ESCI)
- VII. **New Inequalities for Convex Functions**  
 KIRMACI U. S.  
 EÜFBED-Fen Bilimleri Enstitüsü Dergisi, vol.3, pp.91-101, 2010 (Peer-Reviewed Journal)
- VIII. **On some inequalities for p norms,**  
 KIRMACI U. S.  
 JIPAM, vol.9, pp.1-8, 2008 (Peer-Reviewed Journal)
- IX. **On the Modular Integrals**  
 KIRMACI U. S.  
 Mathematica Journal, (Cluj), vol.46, pp.75-80, 2004, vol.46, pp.75-80, 2004 (Peer-Reviewed Journal)
- X. **Modular integrals and their Mellin transformations**  
 KIRMACI U. S.  
 Communications, vol.1, pp.4-6, 2003 (Peer-Reviewed Journal)
- XI. **On The Modular Functions Arising from the Theta Constants**  
 KIRMACI U. S.  
 TAMKANG JOURNAL OF MATHEMATICS, vol.34, pp.77-86, 2003 (ESCI)
- XII. **The Undetachable Representations of the Groups  $SL_2(\mathbb{Z})$  and  $GL_2(\mathbb{C})$ ,**  
 KIRMACI U. S., Özdemir M. E.  
 International journal of applied mathematics, vol.1, pp.10-15, 2000 (Peer-Reviewed Journal)
- XIII. **On The Modular Functions**  
 KIRMACI U. S., Özdemir M. E.

International journal of applied mathematics, vol.1, pp.12-14, 2000 (Peer-Reviewed Journal)

**XIV. On The Expression of Eta function in Terms of Theta function**

KIRMACI U. S., Özdemir M. E.

Bulletin of Pure and Applied Sciences, vol.17, pp.257-261, 1998 (Peer-Reviewed Journal)

**XV. Notes On The Modular Forms**

KIRMACI U. S., Özdemir M. E.

Bulletin of Pure and Applied Sciences, vol.17, pp.337-340, 1998 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Lise Öğrencilerinin Matematiksel İspat Hakkındaki Görüşleri**

ÖZDEMİR F., ÖZDEMİR h., KAPLAN A., KIRMACI U. S.

International Conference on New Horizons In Education, INTE, Barselona, Spain, 10 - 12 June 2015

**II. Lise Öğrencilerinin İspat Yapmaya Yönelik Görüşleri ve Bu Görüşlerin Bazı Değerlere göre İncelenmesi**

HÜSRA ö., ÖZDEMİR F., KAPLAN A., KIRMACI U. S.

Educational Research Association, 7. Uluslararası Eğitim araştırmaları Kongresi, Muğla, Turkey, 28 - 31 May 2015

**III. On Hayashi's inequality for Differentiable functions and applications**

KIRMACI U. S.

16th International conference Jangjeon Mathematics society, Antalya, Turkey, 22 - 25 August 2005, vol.16, pp.15-18

**IV. On the Modular Functions**

Kırmacı U. S.

Palandöken Matematik Günleri, Erzurum, Turkey, 22 - 24 June 2001, pp.1-2

**V. Modüler Formlar Üzerine**

KIRMACI U. S.

Atatürk Üniversitesi 40. Kuruluş yılı Matematik Sempozyumu, Erzurum, Turkey, 20 - 22 May 1998, pp.117-119

## **Scientific Refereeing**

APPLIED MATHEMATICS & INFORMATION SCIENCES, SCI Journal, June 2010

JOURNAL OF APPLIED MATHEMATICS & INFORMATICS, Journal Indexed in SSCI, May 2010

## **Metrics**

Publication: 32

Citation (WoS): 334

Citation (Scopus): 369

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