

Assoc. Prof. Havva Kavurmacı Önalın

Personal Information

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi, Turkey 2008 - 2012

Under Graduate, Ataturk University, Kazım Karabekir EĐitim Fakültesi, Matematik Öğretmenliği, Turkey 2003 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, BAZI FARKLI TÜRĐEN KONVEKS FONKSİYONLAR İÇİN OSTROWSKI VE HERMITE-HADAMARD TİPLİ İNTEGRAL EŐİTSİZLİKLER, Ataturk University, Fen Bilimleri Enstitüsü, Analiz Ve Fonksiyonlar Teorisi, 2012

Research Areas

Mathematics, Functional Analysis, Measure and Integration, Natural Sciences

Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yıl University, EĐitim Fakültesi, İlköğretim Matematik Öğretmenliği , 2016 - Continues

Assistant Professor, Van Yüzüncü Yıl University, EĐitim Fakültesi, İlköğretim Bölümü, 2014 - 2016

Assistant Professor, Agri Ibrahim Cecen University, Fen Fakültesi, Matematik Bölümü, 2012 - 2013

Professional Experience

Board Member, Van Yüzüncü Yıl University, Su Ürünleri Fakültesi, Su Ürünleri Fakültesi, 2018 - 2019

Academic Performance D. Board Member, Van Yüzüncü Yıl University, EĐitim Fakültesi, Matematik Ve Fen Bilimleri EĐitimi Bölümü, 2016 - 2017

Courses

ANALİZ-1, Under Graduate, 2017 - 2018

Konveks Fonksiyonlara Geçiş-I, Post Graduate, 2016 - 2017
GENEL MATEMATİK, Under Graduate, 2016 - 2017
ANALİZ-3, Under Graduate, 2016 - 2017
SOYUT MATEMATİK, Under Graduate, 2015 - 2016
Konveks fonksiyonlara Geçiş-II, Post Graduate, 2015 - 2016
TOPLUMA HİZMET UYGULAMALARI, Under Graduate, 2015 - 2016
ANALİZ-2, Under Graduate, 2015 - 2016

Advising Theses

Kavurmacı Önalın H., HERMITE-HADAMARD TYPE INEQUALITIES FOR SOME CONVEX FUNCTIONS WITH THE HELP OF GENERALIZED FRACTIONAL INTEGRALS, Post Graduate, R.TÜRKER(Student), 2020
Kavurmacı Önalın H., HERMITE-HADAMARD TYPE INTEGRAL INEQUALITIES FOR DIFFERENT TYPES OF DOMINATED PREINVEK FUNCTIONS, Post Graduate, E.YAĞIZ(Student), 2020

Jury Memberships

Post Graduate, Yüksek Lisans Savunma Sınavı Jüri Üyeliđi, Ağrı İbrahim Çeçen Üniversitesi, June, 2019
Post Graduate, Yüksek Lisans Savunma Sınavı Jüri Üyeliđi, Ağrı İbrahim Çeçen Üniversitesi, June, 2019
Appointment Academic Staff, Doktor Öğretim Üyesi Atama Jüri Üyeliđi, Yüzüncü Yıl Üniversitesi, September, 2018
Doctorate, Doktora Tez Savunması Jüri Üyeliđi, Yüzüncü Yıl Üniversitesi, March, 2018
Post Graduate, Yüksek Lisans Tezi Savunma Sınavı, Yüzüncü Yıl Üniversitesi, December, 2016
Post Graduate, Yüksek Lisans Tezi Savunma Sınavı, Ağrı İbrahim Çeçen Üniversitesi, October, 2016
Doctorate, Doktora Tez Savunması Jüri Üyeliđi, Yüzüncü Yıl Üniversitesi, September, 2016

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

- **OSTROWSKI TYPE INEQUALITIES FOR m - AND (α, m) -LOGARITMICALLY CONVEX FUNCTIONS**
Kavurmacı Önalın H.
JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS,, vol.16, no.5, pp.820-826, 2014 (Journal Indexed in SCI)
- **Hermite-Hadamard-type inequalities for (g, h) -convex dominated functions**
Özdemir M. E. , Gürbüz M., Kavurmacı Önalın H.
JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.1, pp.1-7, 2013 (Journal Indexed in SCI)
- **ON COMPANION OF OSTROWSKI INEQUALITY FOR MAPPINGS WHOSE FIRST DERIVATIVES ABSOLUTE VALUE ARE CONVEX WITH APPLICATIONS**
Alomari M. W. , Özdemir M. E. , Kavurmacı Önalın H.
MISKOLC MATHEMATICAL NOTES, vol.13, no.2, pp.233-248, 2012 (Journal Indexed in SSCI)
- **Inequalities for convex and s -convex functions on $\Delta = [a, b] \times [c, d]$**
Özdemir M. E. , Kavurmacı Önalın H., Akdemir .: O. , AVCI M.
JOURNAL OF MATHEMATICAL INEQUALITIES, vol.20, pp.1-19, 2012 (Journal Indexed in SCI)
- **Hermite-Hadamard-type inequalities via (α, m) -convexity**
ÖZDEMİR M., Avci M., Kavurmacı H.
COMPUTERS & MATHEMATICS WITH APPLICATIONS, vol.61, pp.2614-2620, 2011 (Journal Indexed in SCI)
- **NEW OSTROWSKI TYPE INEQUALITIES FOR m -CONVEX FUNCTIONS AND APPLICATIONS**
Kavurmacı Önalın H., Özdemir M. E. , AVCI M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.40, pp.135-145, 2011 (Journal Indexed in SCI)
- **New Inequalities of Hermite–Hadamard Type via s -Convex Functions in the Second Sense with**

Applications

AVCI M., Kavurmacı Önalán H., Özdemir M. E.

APPLIED MATHEMATICS AND COMPUTATION, vol.217, pp.5171-5176, 2011 (Journal Indexed in SCI)

New inequalities of hermite-hadamard type for convex functions with applications

Kavurmacı Önalán H., AVCI M., Özdemir M. E.

JOURNAL OF INEQUALITIES AND APPLICATIONS, vol.86, pp.1-11, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

General inequalities related Hermite-Hadamard inequality for generalized fractional integrals

Kavurmacı Önalán H., SET E., Gozpinar A.

STUDIA UNIVERSITATIS BABES-BOLYAI MATHEMATICA, vol.64, pp.453-465, 2019 (Journal Indexed in ESCI)

New Inequalities of Ostrowski Type for Mappings whose Derivatives are (α, m) -Convex via Fractional Integrals

Ozdemir M. E. , Kavurmacı Önalán H., Avci-Ardic M.

THAI JOURNAL OF MATHEMATICS, vol.16, pp.723-731, 2018 (Journal Indexed in ESCI)

Fractional Integral Inequalities via s -Convex Functions

Yıldız Ç., Özdemir M. E. , Kavurmacı Önalán H.

Turkish Journal of Analysis and Number Theory, vol.5, pp.18-22, 2017 (International Refereed University Journal)

Some New Integral Inequalities for Logarithmically Convex Functions with Applications

Akdemir . O. , Kavurmacı Önalán H.

Turkish Journal Of Analysis and Number Theory, vol.4, pp.140-145, 2016 (International Refereed University Journal)

Fractional integral inequalities for different functions

Yıldız Ç., Özdemir M. E. , Kavurmacı Önalán H.

New Trends in Mathematical Sciences, vol.3, no.2, pp.110-117, 2015 (Refereed Journals of Other Institutions)

Hermite-Hadamard-type inequalities for new different kinds of convex dominated functions

Özdemir M. E. , Kavurmacı Önalán H., TUNÇ M.

CONTEMPORARY ANALYSIS AND APPLIED MATHEMATICS, vol.3, pp.227-237, 2015 (International Refereed University Journal)

HERMITE-HADAMARD TYPE INEQUALITIES FOR $(h - (\alpha, m))$ -CONVEX FUNCTIONS

Özdemir M. E. , Kavurmacı Önalán H., AVCI M.

JOURNAL OF CONCRETE AND APPLICABLE MATHEMATICS, vol.13, no.1, pp.96-107, 2015 (Refereed Journals of Other Institutions)

OSTROWSKI TYPE INEQUALITIES FOR CONVEX FUNCTIONS

Özdemir M. E. , Kavurmacı Önalán H., AVCI ARDIÇ M.

TAMKANG JOURNAL OF MATHEMATICS, vol.45, pp.335-340, 2014 (International Refereed University Journal)

SIMPSON'S TYPE INEQUALITIES FOR m_1 AND $(\alpha; m)_1$ GEOMETRICALLY CONVEX FUNCTIONS

Kavurmacı Önalán H., Akdemir . O. , Set E., Sarıkaya M. Z.

Konuralp Journal of Mathematics, vol.2, no.1, pp.90-101, 2014 (International Refereed University Journal)

SOME SIMPSON TYPE INTEGRAL INEQUALITIES FOR s -GEOMETRICALLY CONVEX FUNCTIONS WITH APPLICATIONS

Kavurmacı Önalán H., TUNÇ M.

LE MATEMATICHE, vol.69, pp.193-204, 2014 (International Refereed University Journal)

On some inequalities for s -logarithmically convex functions in the second sense via fractional integrals

TUNÇ M., Kavurmacı Önalán H.

Creative Mathematics and Informatics, vol.23, no.2, pp.253-260, 2014 (International Refereed University Journal)

INEQUALITIES FOR CO-ORDINATED m -CONVEX FUNCTIONS VIA RIEMANN-LIOUVILLE FRACTIONAL INTEGRALS

Yıldız Ç., TUNÇ M., Kavurmacı Önalın H.

INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS, vol.5, pp.45-55, 2014 (International Refereed University Journal)

● **SOME INTEGRAL INEQUALITIES FOR CONVEX FUNCTIONS**

Özdemir M. E. , Kavurmacı Önalın H., AVCI ARDIÇ M.

TAMKANG JOURNAL OF MATHEMATICS, vol.44, pp.253-259, 2013 (International Refereed University Journal)

● **ON SOME INEQUALITIES OF HERMITEHADAMARD TYPE FOR CONVEX FUNCTIONS**

Sarıkaya M. Z. , AVCI ARDIÇ M., Kavurmacı Önalın H.

AIP CONFERENCE PROCEEDINGS, vol.1309, pp.852-860, 2010 (Refereed Journals of Other Institutions)

● **Ostrowski's Type Inequalities for $(\alpha; m)$ -Convex Functions**

Özdemir M. E. , Kavurmacı Önalın H., Set E.

KYUNGPOOK MATHEMATICAL JOURNAL, vol.50, pp.371-378, 2010 (International Refereed University Journal)

Books & Book Chapters

● **Inequalities of Bullen's Type for Logarithmically Convexity with Numerical Applications**

Kavurmacı Önalın H., Akdemir A. O. , Dutta H.

in: Advances in Intelligent Systems and Computing 1111, Hemen Dutta, Zakiya Hammouch, Hasan Bulut, Hacı Mehmet Baskonuş, Editor, Springer-Verlag , Zug, pp.248-255, 2020

Refereed Congress / Symposium Publications in Proceedings

● **Farklı türden baskın konveks fonksiyonlar için kesirli integrasyon yardımıyla Hermite-Hadamard tipli eşitsizlikler**

Kavurmacı Önalın H., Türker R.

32.Ulusal Matematik Sempozyumu, Samsun, Turkey, 31 August - 03 September 2019

● **Kesirli integrasyon yardımıyla $(h-s)$ -preinveks fonksiyonlar için Hermite-Hadamard tipli eşitsizlikler**

Yağız E., Kavurmacı Önalın H.

32.Ulusal Matematik Sempozyumu, Samsun, Turkey, 31 August - 03 September 2019

● **Fractional**

Kavurmacı Önalın H., Set E., Gözpinar A.

ICANAS_2017, Antalya, Turkey, 18 - 21 April 2017, vol.1833, no.1, pp.18-22

● **Geometric-Harmonic Convexity and Integral Inequalities**

AKDEMİR A. O. , Yalcin A., Polat F., Kavurmacı Önalın H.

International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Turkey, 21 - 23 April 2016, vol.1726

● **Hermite-Hadamard Type Inequalities for (α, m) -Geometrically Convex Functions**

Kavurmacı Önalın H.

International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Turkey, 21 - 23 April 2016, vol.1726

● **Hermite-Hadamard type inequalities via GG-convexity and GA-convexity with applications**

Kavurmacı Önalın H., AVCI ARDIÇ M., Akdemir A. O.

Mathematical Inequalities and Applications, Mostar, Bosnia And Herzegovina, 11 - 15 November 2015, pp.45

● **$(g, (h-m))$ -Convex Dominated Functions**

Kavurmacı Önalın H., Özdemir M. E.

International Conference on Pure and Applied Mathematics, Van, Turkey, 25 - 28 August 2015, pp.111

● **New Estimations For Functions Whose Derivatives In Absolute Value Are Quasi-Convex With Applications**

Kavurmacı Önalın H., Akdemir .: O.

Algerian-Turkish International Days on Mathematics 2013, İstanbul, Turkey, 12 - 14 September 2013, pp.29

New Integral Inequalities For Logarithmically Convex Functions With Applications

Akdemir .: O. , Kavurmacı Önalın H.

Algerian-Turkish International Days on Mathematics 2013, İstanbul, Turkey, 12 - 14 September 2013, pp.30

(g,h)-convex dominated functions on $\Delta=[a,b] \times [c,d]$

Kavurmacı Önalın H., Akdemir .: O.

International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Turkey, 2 - 05 June 2013, pp.214

Some new Bullen's type integral inequalities for logarithmically convex functions with applications

Kavurmacı Önalın H., Akdemir .: O.

International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Turkey, 2 - 05 June 2013, pp.213

Inequalities of Hadamard and Simpson type for logarithmically convex functions and applications

Akdemir .: O. , Kavurmacı Önalın H.

International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Turkey, 2 - 05 June 2013, pp.39

s-geometrically convex functions on the co-ordinates and integral inequalities

Akdemir .: O. , Kavurmacı Önalın H.

International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Turkey, 2 - 05 June 2013, pp.38

Some Simpson Type Integral Inequalities For s-Geometrically Convex Functions With Applications

Kavurmacı Önalın H., TUNÇ M.

International Conference on Applied Analysis and Mathematical Modelling, İstanbul, Turkey, 2 - 05 June 2013, pp.215

Ostrowski Type Inequalities for m- and (η ,m)-geometrically Convex Functions

Akdemir .: O. , Kavurmacı Önalın H., Set E., Özdemir M. E.

International Congress in Honour of Professor H.M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.159

Simpson's Type Inequalities for m- and (η ,m)-geometrically Convex Functions

Kavurmacı Önalın H., Akdemir .: O. , Set E., Sarıkaya M. Z.

International Congress in Honour of Professor H.M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.158

Hermite-Hadamard-Type Inequalities for (g,)-Convex Dominated Functions

Gürbüz M., Özdemir M. E. , Kavurmacı Önalın H.

International Congress in Honour of Professor H.M. Srivastava, Bursa, Turkey, 23 - 26 August 2012, pp.172

Two New Different Kinds of Convex Dominated Functions and Inequalities Via Hermite-Hadamard Type

TUNÇ M., Kavurmacı Önalın H., Özdemir M. E.

International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 20 - 24 June 2012, pp.172-173

New Definitions and Theorems via Different Kinds of Convex-Dominated Functions

Kavurmacı Önalın H., Özdemir M. E. , Sarıkaya M. Z.

International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 20 - 24 June 2012, pp.110-112

Riemann- Liouville İntegralleri Yardımıyla Koordinatlarda m-Konveks Fonksiyonlar için Eşitsizlikler

Yıldız Ç., Kavurmacı Önalın H., TUNÇ M.

7. Ankara Matematik Günleri, Ankara, Turkey, 31 May - 01 June 2012, pp.21

Baskın Konveks Fonksiyon Sınıflarının Çarpımlarına İlişkin İntegral Eşitsizlikleri

Kavurmacı Önalın H., Gürbüz M., Özdemir M. E.

7. Ankara Matematik Günleri, Ankara, Turkey, 31 May - 01 June 2012, pp.97

, Some new Hermite-Hadamard inequalities on s-convex and s-concave functions

Kavurmacı Önalın H., Özdemir M. E. , AVCI ARDIÇ M.

International Conference on Applied Analysis and Algebra, İstanbul, Turkey, 1 - 02 July 2011, pp.232

s-Konkav Fonksiyonlar İçin Bazı İntegral Eşitsizlikleri

Özdemir M. E. , Kavurmacı Önalın H., Gürbüz M., Akdemir .: O.

6. Ankara Matematik Günleri, Ankara, Turkey, 2 - 03 June 2011, pp.21-22

● **Some Inequality of Hermite-Hadamard Type for Convex Functions**

Sarıkaya M. Z. , AVCI ARDIÇ M., Kavurmacı Önalın H.

● International Conference on Mathematical Science, Bolu, Turkey, 23 - 27 November 2010, pp.852

● **Two New Integral Inequalities via Convex Functions**

Gürbüz M., AVCI ARDIÇ M., Kavurmacı Önalın H.

● International Conference on Mathematical Science, Bolu, Turkey, 23 - 27 November 2010, pp.339

● **Konveks Fonksiyonlar için Hermite-Hadamard Tipi Yeni Eşitsizlikler ile Uygulamalar**

Kavurmacı Önalın H., AVCI ARDIÇ M., Özdemir M. E.

● XXIII. Ulusal Matematik Sempozyumu, Kayseri, Turkey, 4 - 07 August 2010, pp.47

● **2. Anlamda s-Konveks Fonksiyonlar Yardımıyla Hermite-Hadamard Tipi Yeni Eşitsizlikler Ve Uygulamalar**

AVCI ARDIÇ M., Kavurmacı Önalın H., Özdemir M. E.

● XXIII. Ulusal Matematik Sempozyumu, Kayseri, Turkey, 4 - 07 August 2010, pp.55

● **m-Konveks Fonksiyonlar İçin Yeni Ostrowski Tipi Eşitsizlikler Ve Uygulamalar**

Kavurmacı Önalın H., Özdemir M. E. , AVCI ARDIÇ M.

5. Ankara Matematik Günleri, Ankara, Turkey, 3 - 04 June 2010, pp.85

Scientific Refereeing

Moroccan Journal of Pure and Applied , Other Indexed Journal, August 2019

Journal of Taibah University for Science, SCI Journal, October 2018

Comminication Faculty of Science University of Ankara Series A 1: Mathematics and Statistics, Other Indexed Journal, July 2017

Mathematical Science and Applications E-Notes, Other Indexed Journal, March 2017

Karaelmas Fen ve Mühendislik Dergisi, Other journals, November 2016

Invited Congress and Symposium Activities

32.Ulusal Matematik Sempozyumu, Session Moderator, Samsun, Turkey, 2019

32. Ulusal Matematik Sempozyumu, Attendee, Samsun, Turkey, 2019

International Conference on Advances in Natural and Applied Sciences 2016, Attendee, Turkey, 2016

Mathematical Inequalities and Applications 2015, Attendee, Mostar, Bosnia And Herzegovina, 2015

INTERNATIONAL CONFERENCE ON PURE AND APPLIED MATHEMATICS, Attendee, Antalya, Turkey, 2015

Algerian-Turkish International Days on Mathematics, Attendee, Turkey, 2013

International Conference on Applied Analysis and Mathematical Modelling, Attendee, İstanbul, Turkey, 2013

International Congress in Honour of Professor H.M. Srivastava, Attendee, Bursa, Turkey, 2012

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

7. Ankara Matematik Günleri, Attendee, Turkey, 2012

6. Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2011

International Conference on Applied Analysis and Algebra, Attendee, İstanbul, Turkey, 2011

International Conference on Mathematical Science, Attendee, Bolu, Turkey, 2010

XXIII. Ulusal Matematik Sempozyumu, Attendee, Kayseri, Turkey, 2010

5. Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2010

Citations

Total Citations (WOS):48

h-index (WOS):1

Scholarships

Yurt İçi Doktora Burs Programı, TUBITAK, 2009 - Continues