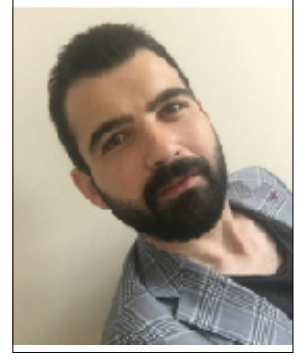


# SERCAN TURHAN

## DOKTOR ÖĞRETİM ÜYESİ



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**Adres** : Giresun Üniversitesi Fen Edebiyat Fakültesi Matematik Bölümü  
(Güre Yerleşkesi)

### Öğrenim Bilgisi

Doktora 2013 30/Haziran/2016	<b>ORDU ÜNİVERSİTESİ</b> FEN BİLİMLERİ ENSTİTÜSÜ/MATEMATİK (DR) (ONDOKUZ MAYIS ÜNİV. ORTAK)  Tez adı: Ga-konveks ve harmonik konveks fonksiyonlar için yeni integral eşitsizlikleri ve uygulamaları (2016) Tez Danışmanı:(SELAHATTİN MADEN,HÜSEYİN DEMİR)
Yüksek Lisans 2008 28/Eylül/2010	<b>KARADENİZ TEKNİK ÜNİVERSİTESİ</b> FEN BİLİMLERİ ENSTİTÜSÜ/MATEMATİK (YL) (TEZLİ)  Tez adı: Belirsizlik altında sürekli dağılımlar (2010) Tez Danışmanı:(TÜLAY KESEMEN)
Lisans 2003 27/Haziran/2007	<b>KOCAELİ ÜNİVERSİTESİ</b> FEN-EDEBİYAT FAKÜLTESİ/MATEMATİK BÖLÜMÜ/MATEMATİK PR. (İÖ)

### Görevler

YARDIMCI DOÇENT 2017	GİRESUN ÜNİVERSİTESİ/FEN-EDEBİYAT FAKÜLTESİ/MATEMATİK BÖLÜMÜ/ANALİZ VE FONKSİYONLAR TEORİSİ ANABİLİM DALI)
ÖĞRETİM GÖREVLİSİ 2014-2017	GİRESUN ÜNİVERSİTESİ/DERELİ MESLEK YÜKSEKOKULU/OTEL, LOKANTA VE İKRAM HİZMETLERİ BÖLÜMÜ/AŞÇILIK PR.)

### Yönetilen Tezler

Yüksek Lisans  
2020

- AKILLI UMUT, (2020). ÇEŞİTLİ KONVEKS FONKSİYONLAR İÇİN FEJER TİPLİ EŞİTSİZLİĞİ İLE İLGİLİ YENİ TAHMİN VE SONUÇLAR, Giresun Üniversitesi->Fen Bilimleri Enstitüsü->Matematik Anabilim Dalı
- GEDİK MİHRİBAN, (2020). Çarpımsal (p, P) fonksiyon ve ilgili integral eşitsizlikleri, Giresun Üniversitesi->Fen Bilimleri Enstitüsü->Matematik Anabilim Dalı
- AKILLI UMUT, (2020). ÇEŞİTLİ KONVEKS FONKSİYONLAR İÇİN FEJER TİPLİ EŞİTSİZLİĞİ İLE İLGİLİ YENİ TAHMİN VE SONUÇLAR, Giresun Üniversitesi->Fen Bilimleri Enstitüsü->Matematik Anabilim Dalı

## Dersler \*

Öğrenim Dili Ders Saati

### 2018-2019

#### Lisans

Analiz II	Türkçe	6
Matematik II	Türkçe	4
Analiz I	Türkçe	6
Yüksek Matematik I	Türkçe	4

#### Yüksek Lisans

Analizde Özel Konular I	Türkçe	3
Uzmanlık Alan Dersi	Türkçe	8
Tez Çalışması	Türkçe	1
Konveks Fonksiyonlar ve Uygulamaları II	Türkçe	3
Latex	Türkçe	3
Seminer	Türkçe	2

### 2017-2018

#### Lisans

Matematik II	Türkçe	4
Yüksek Matematik II	Türkçe	4
Yüksek Matematik I	Türkçe	4

#### Yüksek Lisans

Çok Değişkenli Reel Fonksiyonlar I	Türkçe	3
Kesireli İntegral ve Eşitsizlikleri I	Türkçe	3
Latex	Türkçe	3
Konveks Fonksiyonlar ve Uygulamaları I	Türkçe	3
Uzmanlık Alan Dersi	Türkçe	8
Seminer	Türkçe	2

## Eserler

### Uluslararası hakemli dergilerde yayımlanan makaleler:

1. TURHAN SERCAN,İŞCAN İMDAT,KUNT MEHMET (2020). Improvement of conformable fractional Hermite-Hadamard type inequality for convex functions and some new conformable fractional midpoint type inequalities. Malaya Journal of Matematik, 8(3), 753-760. (Yayın No: 6311653)
2. TURHAN SERCAN,İŞCAN İMDAT,NUMAN SELİM (2020). Some general integral inequalities for Lipschitzian functions via conformable fractional integral. Communications Faculty Of Science University of Ankara Series A1Mathematics and Statistics, 69(1), 952-968. (Yayın No: 6295345)
3. TURHAN SERCAN,KUNT MEHMET,İŞCAN İMDAT (2020). On Hermite-Hadamard Type Inequalities with Respect to the Generalization of Some Types of s-Convexity. Konuralp Journal of Mathematics, 8(1), 165-174. (Yayın No: 6279939)
4. Cortez Miguel Vivas,Hernandez Jorge Eliecer Hernandez,TURHAN SERCAN (2020). On exponentially (h1, h2)-convex functions and fractional integral inequalities related. MATHEMATICA MORAVICA (Yayın No: 6133535)

## Uluslararası hakemli dergilerde yayımlanan makaleler:

5. TURHAN SERCAN (2019). The Left Conformable Fractional Hermite-Hadamard Type Inequalities for Convex Functions. *Filomat*, 33(8), 2417-2430., Doi: 10.2298/FIL1908417T (Yayın No: 5893788)
6. KUNT MEHMET, KARAPINAR DÜNYA, TURHAN SERCAN, İŞCAN İMDAT (2019). The left Riemann-Liouville fractional Hermite-Hadamard type inequalities for convex functions. *Mathematica Slovaca*, 69(4), 773-784., Doi: 10.1515/ms-2017-0261 (Yayın No: 5352632)
7. TURHAN SERCAN (2019). Trapezoidal Type Fejér Inequalities Related to Harmonically Convex Functions and Application. *Journal of Function Spaces*, 2019, 1-8., Doi: 10.1155/2019/9508625 (Yayın No: 5352840)
8. TURHAN SERCAN, İŞCAN İMDAT, KUNT MEHMET (2018). Hermite-Hadamard Type Inequalities for n-Times Differentiable Convex Functions via Riemann-Liouville Fractional Integrals. *Filomat*, 32(16), 5611-5622., Doi: 10.2298/FIL1816611T (Yayın No: 4839889)
9. TURHAN SERCAN, MADEN SELAHATTİN, DEMİREL AYŞE KÜBRA, İŞCAN İMDAT (2018). Hermite-Hadamard inequality for  $M_{\alpha}$ -strongly convex functions. *New Trends in Mathematical Sciences*, 6(4), 127-133. (Yayın No: 4562627)
10. KUNT MEHMET, İŞCAN İMDAT, TURHAN SERCAN, KARAPINAR DÜNYA (2018). IMPROVEMENT OF FRACTIONAL HERMITE-HADAMARD TYPE INEQUALITY FOR CONVEX FUNCTIONS. *Miskolc Mathematical Notes*, Doi: 10.18514/MMN.2018.2441 (Yayın No: 4834929)
11. MADEN SELAHATTİN, DEMİREL AYŞE KÜBRA, TURHAN SERCAN, İŞCAN İMDAT (2018). Some Integral Inequalities for The New Convex Functions. *Sigma Journal of Engineering and Natural Sciences*, 9(3), 305-312. (Yayın No: 4180662)
12. TURHAN SERCAN, MADEN SELAHATTİN, İŞCAN İMDAT (2018). On inequalities for strongly  $M_{\alpha}$ -convex functions. *New Trends in Mathematical Science*, 3(6), 15-23., Doi: 10.20852/ntmsci.2018.290 (Yayın No: 4683011)
13. KUNT MEHMET, KARAPINAR DÜNYA, TURHAN SERCAN, İŞCAN İMDAT (2018). The right Riemann-Liouville fractional Hermite-Hadamard type inequalities for convex functions. *Journal of Inequalities and Special Functions*, 9(1), 45 (Yayın No: 4682219)
14. TURHAN SERCAN, İŞCAN İMDAT (2018). SOME NEW HERMITE-HADAMARD-FEJER TYPE INEQUALITIES FOR HARMONICALLY CONVEX FUNCTIONS. *Open Journal of Mathematical Analysis (OMA)*, 2(1) (Yayın No: 4682349)
15. TURHAN SERCAN, İŞCAN İMDAT, MADEN SELAHATTİN (2017). Hermite-Hadamard and Simpson-like type inequalities for differentiable p-quasi-convex functions. *FILOMAT*, 31(19), 5945-5953., Doi: 10.2298/FIL17199451 (Yayın No: 3650435)
16. KARAPINAR DÜNYA, TURHAN SERCAN, KUNT MEHMET, İŞCAN İMDAT (2017). Some new fractional integral inequalities for s-convex functions. *The Journal of Nonlinear Sciences and Applications*, 10(09), 4552-4563., Doi: 10.22436/jnsa.010.09.01 (Yayın No: 5352984)
17. TURHAN SERCAN, OKUR NURGÜL, MADEN SELAHATTİN (2017). Hermite-Hadamard type inequality for strongly convex functions via Sugeno integrals. *Sigma Journal of Engineering and Natural Sciences*, 8(1), 1-10. (Yayın No: 3350852)
18. İŞCAN İMDAT, TURHAN SERCAN, MADEN SELAHATTİN (2016). Some Hermite Hadamard Fejer type inequalities for harmonically convex functions via fractional integral. *New Trends in Mathematical Science*, 4(2), 1-1., Doi: 10.20852/ntmsci.2016216999 (Yayın No: 2825364)
19. İŞCAN İMDAT, TURHAN SERCAN (2016). Generalized Hermite Hadamard Fejer type inequalities for GA convex functions via Fractional integral. *Moroccan Journal of Pure and Applied Analysis*, 2(1), Doi: 10.7603/s40956-016-0004-2 (Yayın No: 2825373)

## B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler :

1. TURHAN SERCAN, DEMİREL AYŞE KÜBRA, MADEN SELAHATTİN, İŞCAN İMDAT (2018). Hermite-Hadamard Inequality for Strongly p-Convex Functions. *International Conference on Mathematics and Mathematics Education (ICMME-2018)*, Ordu University, Ordu, 27-29 June 2018, 10(2018), 184-189. (Özet Bildiri/Sözlü Sunum)(Yayın No:4268186)
2. TURHAN SERCAN, MADEN SELAHATTİN, İŞCAN İMDAT (2018). Trapezoidal Type Inequalities Related to Geometrically Arithmetic Convex Functions With Application. *International Conference on Mathematics and Mathematics Education (ICMME-2018)*, Ordu University, Ordu, 27-29 June 2018 (Özet Bildiri/Sözlü Sunum)(Yayın No:5390507)
3. KADAKAL MAHİR, TURHAN SERCAN, MADEN SELAHATTİN, İŞCAN İMDAT (2018). Midpoint Type Inequalities for the Multiplicatively P-Functions. *International Conference on Mathematics and Mathematics Education (ICMME-2018)*, Ordu University, Ordu, 27-29 June 2018 (Özet Bildiri/Sözlü Sunum)(Yayın No:4266605)

4. TURHAN SERCAN,İŞCAN İMDAT,DEMİREL AYŞE KÜBRA,MADEN SELAHATTİN (2018). Hermite-Hadamard Inequality for Strongly GA-Convex Functions. International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu University, Ordu, 27-29 June 2018, 10(2018), 178-183. (Özet Bildiri/Sözlü Sunum)(Yayın No:4268183)
5. İŞCAN İMDAT,KUNT MEHMET,TURHAN SERCAN (2017). HERMITE-HADAMARD TYPE INEQUALITIES FOR M<sub>?</sub>A-CONVEX FUNCTIONS. International Conference on Computational and Statistica lMethods in Applied Sciences (COSTAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:6166612)
6. TURHAN SERCAN,MADEN SELAHATTİN,BAŞKÖY YASİN,İŞCAN İMDAT (2017). ON INEQUALITES FOR STRONGLY M<sub>?</sub>A-S- CONVEX FUNCTIONS. International Conference on Computational and Statistica lMethods in Applied Sciences (COSTAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:3605188)
7. TURHAN SERCAN,İŞCAN İMDAT,MADEN SELAHATTİN,DEMİREL AYŞE KÜBRA (2017). HERMITE-HADAMARD INEQUALITY FOR M<sub>?</sub>A STRONGLY CONVEX FUNCTIONS. International Conference on Computational and Statistica lMethods in Applied Sciences (COSTAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:3588143)
8. MADEN SELAHATTİN,TOPLU TEKİN,TURHAN SERCAN,İŞCAN İMDAT (2017). OBTAINING FOR THE LIPSCHITZIAN FUNCTIONS OF FRACTIONAL INTEGRAL INEQUALITIES OBTAINED FOR HARMONICALLY CONVEX FUNCTIONS. International Conference on Computational and Statistica lMethods in Applied Sciences (COSTAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:3605167)
9. KUNT MEHMET,İŞCAN İMDAT,TURHAN SERCAN (2017). ON HERMITE-HADAMARD TYPE INEQUALITIES WITH RESPECT TO THE GENERALIZATION OF SOME TYPES OF S-CONVEXITY. International Conference on Computational and Statistica lMethods in Applied Sciences (COSTAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:6166601)
10. OKUR BEKAR NURGÜL,TURHAN SERCAN (2017). Hermite-Hadamard Type Inequality for Strongly Log-convex Functions via Sugeno Integrals. The 5th International Fuzzy Systems Symposium (Özet Bildiri/Sözlü Sunum)(Yayın No:5382489)
11. OKUR BEKAR NURGÜL,TURHAN SERCAN (2017). Hermite-Hadamard Type Inequality for Strongly Preinvex Functions via Sugeno Integrals. The 5th International Fuzzy Systems Symposium, 51 (Özet Bildiri/Sözlü Sunum)(Yayın No:5377614)
12. MADEN SELAHATTİN,TURHAN SERCAN,İŞCAN İMDAT,DEMİREL AYŞE KÜBRA (2017). Some Integral Inequalities for The New Convex Functions. INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:3513163)
13. MADEN SELAHATTİN,TURHAN SERCAN,İŞCAN İMDAT,DEMİREL AYŞE KÜBRA (2017). M<sub>?</sub>A-Quasi - Convexity and Related Some Integral Inequality. INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS AND MATHEMATICAL MODELLING (ICAAMM2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:3513168)
14. İŞCAN İMDAT,KUNT MEHMET,TURHAN SERCAN (2017). Some New Type Integral Inequalities for p-convex Functions. 2ND INTERNATIONAL CONFERENCE ON ADVANCESIN NATURAL AND APPLIED SCIENCES (ICANAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:6166262)
15. MADEN SELAHATTİN,TURHAN SERCAN,KADAKAL HURİYE (2017). Relationships Between Integral Averages for Absolutely Continuous Functions Whose Derivative are GA- Convex Functions. 2ND INTERNATIONAL CONFERENCE ON ADVANCESIN NATURAL AND APPLIED SCIENCES (ICANAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:3442708)
16. TURHAN SERCAN,İŞCAN İMDAT,KUNT MEHMET (2017). Hermite-Hadamard Type Inequalities For n-Times Differentiable Convex Functions Via Riemann-Liouville Fractional Integrals. 2ND INTERNATIONAL CONFERENCE ON ADVANCESIN NATURAL AND APPLIED SCIENCES (ICANAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:6166351)
17. TURHAN SERCAN,İŞCAN İMDAT,MADEN SELAHATTİN (2017). The Hadamard's Inequality for n-Times Differentiable Quasi-Convex Function via Fractional Integrals. 2ND INTERNATIONAL CONFERENCE ON ADVANCESIN NATURAL AND APPLIED SCIENCES (ICANAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:6166139)
18. TURHAN SERCAN,İŞCAN İMDAT,MADEN SELAHATTİN (2016). On Hermite Hadamard Fejer Type Inequalities for P GA Functions. Xth International Statistics Days Conference (ISDC'2016) (Tam Metin Bildiri/Sözlü Sunum)(Yayın No:3055422)
19. TURHAN SERCAN,MADEN SELAHATTİN,İŞCAN İMDAT (2016). On Hermite Hadamard Fejér Type Inequalities with Applications for Quasi Geometrically Convex Functions. 5th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2016) (Özet Bildiri/Sözlü Sunum)(Yayın No:2857879)
20. MADEN SELAHATTİN,İŞCAN İMDAT,TURHAN SERCAN (2016). On New Hermite Hadamard Fejér Type Inequalities for Harmonically Quasi Convex Functions. 5th International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2016) (Özet Bildiri/Sözlü Sunum)(Yayın No:2857876)

21. İŞCAN İMDAT, TURHAN SERCAN, MADEN SELAHATTİN (2016). Hermite Hadamard And Simpson Like Type Inequalities For Differentiable P Quasi Convex Functions. 2ND INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES (ICANAS 2017) (Özet Bildiri/Sözlü Sunum)(Yayın No:2857886)
22. TURHAN SERCAN, OKUR BEKAR NURGÜL, MADEN SELAHATTİN (2015). Hermite Hadamard Type Inequality for Preinvex Functions via Sugeno Integrals. The 4Th International Fuzzy Systems Symposium (Fuzzyss'15) (Özet Bildiri/Sözlü Sunum)(Yayın No:2825378)

### C. Yazılan ulusal/uluslararası kitaplar veya kitaplardaki bölümler:

#### C2. Yazılan ulusal/uluslararası kitaplardaki bölümler:

1. II. INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES: ICANAS 2017, Bölüm adı:(Some new type integral inequalities for p-convex functions) (2017)., İŞCAN İMDAT, KUNT MEHMET, TURHAN SERCAN, AIP Conference Proceedings, Editör:Ahmet Ocak Akdemir, Alper Ekinci, Ibrahim Han, Erhan Set, Fatih Dadasoglu, Kenan Karagoz and Aykut Oztekin, Basım sayısı:1, ISBN:978-0-7354-1503-4, İngilizce(Bilimsel Kitap), (Yayın No: 6176084)
2. II. INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES: ICANAS 2017, Bölüm adı:(Relationships between integral averages for absolutely continuous functions whose derivative are GA-convex functions) (2017)., MADEN SELAHATTİN, TURHAN SERCAN, kadakal Huriye, AIP Conference Proceedings, Editör:Ahmet Ocak Akdemir, Alper Ekinci, Ibrahim Han, Erhan Set, Fatih Dadasoglu, Kenan Karagoz and Aykut Oztekin, Basım sayısı:1, ISBN:978-0-7354-1503-4, İngilizce(Bilimsel Kitap), (Yayın No: 6176139)
3. INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES: ICANAS 2016, Bölüm adı:(New Hermite-Hadamard-Fejer type inequalities for GA-convex functions) (2016)., MADEN SELAHATTİN, TURHAN SERCAN, İŞCAN İMDAT, AIP Conference Proceedings, Editör:İrfan Aslan, Yusuf Bayrak, Ahmet Ocak Akdemir, Alper Ekinci, Kadirhan Polat, Fatih Dadasoglu and Emir Alper Turkoglu, Basım sayısı:1, Sayfa Sayısı 5, ISBN:978-0-7354-1373-3, İngilizce(Bilimsel Kitap), (Yayın No: 6295023)

### D. Ulusal hakemli dergilerde yayımlanan makaleler :

1. TURHAN SERCAN (2020). Novel Results based on Generalisation of some Integral Inequalities for Trigonometrically -P Function. Sakarya University Journal of Science, 654-663. (Kontrol No: 6420791)
2. TURHAN SERCAN, İŞCAN İMDAT (2019). ON NEW HERMITE-HADAMARD-FEJER TYPE INEQUALITIES FOR HARMONICALLY QUASI CONVEX FUNCTIONS. Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics, 68(1), 734-750. (Kontrol No: 4484626)
3. TURHAN SERCAN, DEMİREL AYŞE KÜBRA, MADEN SELAHATTİN, İŞCAN İMDAT (2018). Hermite-Hadamard Type Integral Inequalities for Strongly p-convex Functions. Turkish Journal of Mathematics and Computer Science, 10, 184-189. (Kontrol No: 4717636)
4. TURHAN SERCAN, DEMİREL AYŞE KÜBRA, MADEN SELAHATTİN, İŞCAN İMDAT (2018). Hermite-Hadamard Type Integral Inequalities for Strongly GA-convex Functions. Turkish Journal of Mathematics and Computer Science, 10, 178-183. (Kontrol No: 4717552)
5. TURHAN SERCAN, İŞCAN İMDAT (2017). New Hermite Hadamard Fejér type inequalities for harmonically P Functions. Karaelmas Science and Engineering Journal, 7(1) (Kontrol No: 3055796)

### Üniversite Dışı Deneyim

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2012-2013 Öğretmen Dershane, (Ticari (Özel))

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2011-2012 Memur Türkiye İş Bankası, (Ticari (Özel))