

ÖZGEÇMİŞ



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Derece	Alan	Üniversite	Yıl
Lisans	Matematik Öğretmenliği	Karadeniz Teknik Üniversitesi	1992
Yüksek Lisans	Matematik	Karadeniz Teknik Üniversitesi	1996
Doktora	Matematik	Karadeniz Teknik Üniversitesi	2003

Yüksek Lisans Tez Başlığı ve Tez Danışmanı: Faber Polinomları ve Yaklaşım Özellikleri, (1996), Doç. Dr. Abdullah ÇAVUŞ.

Doktora Tez Başlığı ve Tez Danışmanı: Genelleştirilmiş Faber ve Faber-Laurent Serilerinin Belirli Tipten Fonksiyonlara Yakınsaklığı, (2003), Prof. Dr. Abdullah ÇAVUŞ.

5. Akademik Unvanlar

Ünvan	Üniversite	Fakülte	Yıl
Arş. Gör.	Karadeniz Teknik Üniversitesi	Fen Edebiyat Fakültesi	1993-2003
Dr. Arş. Gör.	Karadeniz Teknik Üniversitesi	Fen Edebiyat Fakültesi	2003-2004

Yrd. Doç. Dr.	Karadeniz Teknik Üniversitesi	Giresun Fen Edebiyat Fakültesi	2004- 2006
Yrd. Doç. Dr.	Giresun Üniversitesi	Fen Edebiyat Fakültesi	2006- 2015
Doç. Dr.	Giresun Üniversitesi	Fen Edebiyat Fakültesi	17.03.2015-24.08.2020
Prof. Dr.	Giresun Üniversitesi	Fen Edebiyat Fakültesi	24.08.2020-

6. Yönetilen Yüksek Lisans ve Doktora Tezleri

6.1. Yüksek Lisans Tezleri

6.1.1. Tekin TOPLU, “HARMONİK KONVEKS FONKSİYONLAR İÇİN ELDE EDİLEN KESİRLİ İNTEGRAL EŞİTSİZLİKLERİNİN LIPSCHITZ FONKSİYONLARI İÇİN ELDE EDİLMESİ” Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Haziran 2017.

6.1.2. Yasemin KÜLEKÇİ, “FONKSİYONELLER YARDIMIYLA GA-KONVEKS FONKSİYONLAR İÇİN KESİRLİ İNTEGRAL EŞİTSİZLİKLERİ”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Haziran 2017.

6.1.3. Nihan KALYONCU, “ p -KONVEKS FONKSİYONLAR İÇİN SIMPSON TIPLI İNTEGRAL EŞİTSİZLİKLERİ”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Haziran 2017.

6.1.4. Alper AYDIN, “LIPSCHITZ FONKSİYONLARI İÇİN BAZI YENİ İNTEGRAL EŞİTSİZLİKLERİ”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Temmuz 2017.

6.1.5. Merve KİRÖMEROĞLU, “FONKSİYONELLER YARDIMIYLA P-KONVEKS FONKSİYONLAR İÇİN KESİRLİ İNTEGRAL EŞİTSİZLİKLERİ”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Temmuz 2017.

6.1.6. Cuma ALTUNSOY, “LIPSCHITZ FONKSİYONLAR İÇİN HADAMARD TIPLI EŞİTSİZLİKLER”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Ocak, 2018.

6.1.7. Levent ŞENEL, “LIPSCHITZ FONKSİYONLARI İÇİN BAZI İNTEGRAL EŞİTSİZLİKLERİN GENELLEŞMESİ”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Haziran, 2018.

6.1.8. Mustafa AYDIN, “GA-s-konveks fonksiyonlar için hadamard kesirli integralleri yardımıyla genelleştirilmiş bazı yeni integral eşitsizlikleri”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Haziran, 2019.

6.1.9. Tülin NAL KARADEMİR, “SİMETRİK p -KONVEKS FONKSİYONLAR İÇİN BAZI İNTEGRAL EŞİTSİZLİKLERİ”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Haziran, 2019.

6.1.10. Volkan OLUCAK, “ÇARPIMSAL HARMONİK P-FONKSİYONLAR İÇİN BAZI YENİ İNTEGRAL EŞİTSİZLİKLERİ”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Haziran, 2020.

6.1.11. Nagihan KURT GÜLSU, “Hg-KONVEKS FONKSİYONLAR”, Giresun Üniversitesi, Fen Bilimleri Enstitüsü, Ocak, 2022.

6.2. Doktora Tezleri

6.2.1. Imran Abbas Baloch, “HARMONICALLY $(S; M)$ -CONVEX FUNCTIONS AND THEIR RELATED INEQUALITIES”, ABDUS SALAM SCHOOL OF MATHEMATICAL SCIENCES, 68-B, NEW MUSLIM TOWN, LAHORE – PAKISTAN, NOVEMBER 2016.

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

- 1) **İ. İşcan**, New general integral inequalities for quasi-geometrically convex functions via fractional integrals, *Journal of Inequalities and Applications*, 2013, **2013**:491, 15 pages. doi:10.1186/1029-242X-2013-491.
- 2) **İ. İşcan**, Generalization of different type integral inequalities for s -convex functions via fractional integrals, *Applicable Analysis*, volume 93, issue 9, 2014, 1846-1862.
- 3) **İ. İşcan**, S. Wu, Hermite-Hadamard type inequalities for harmonically convex functions via fractional integrals, *Applied Mathematics and Computation*, 238 (2014) 237–244.
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- 7) E. Set, **İ. İşcan**, M. Zeki Sarikaya, M. Emin Ozdemir, On new inequalities of Hermite-Hadamard-Fejer type for convex functions via fractional integrals, *Applied Mathematics and Computation*, 259 (2015) 875–881
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- 9) **İ. İşcan**, Hermite-Hadamard type inequalities for harmonically (α, m) -convex functions, *Hacettepe Journal of Mathematics and Statistics*. Volume 45 (2) (2016), 381 – 390.
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- 13) **İ. İşcan**, S. Turhan, S. Maden, Hermite-Hadamard and Simpson-like type inequalities for differentiable p -quasi-convex functions, *Filomat*, 31:19 (2017), 5945–5953.

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- 15) Kunt, M., **İşcan, İ.**, Alp, N., Sarıkaya, M. Z., (p, q) -Hermite–Hadamard inequalities and (p, q) -estimates for midpoint type inequalities via convex and quasi-convex functions, *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas (RACSAM)*, Volume 30, Issue 2, April 2018, Pages 193-203.
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- 17) S. Turhan, **İ. İşcan**, M. Kunt, Hermite-Hadamard type inequalities for n -times differentiable convex functions via Riemann-Liouville fractional integrals, *Filomat*, Vol 32, No 16 (2018).
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7.1. Uluslararası diğer hakemli dergilerde yayımlanan makaleler

- 1) **İ. İşcan**, Generalization of different type integral inequalities via fractional integrals for functions whose second derivatives absolute values are quasi-convex, *Konuralp journal of Mathematics*, Volume 1 No. 2 pp. 67–79 (2013)
- 2) **İ. İşcan**, A new generalization of some integral inequalities for (α, m) -convex functions, *Mathematical Sciences* 2013, 7:22,1-8, doi:10.1186/2251-7456-7-22. Available online at: <http://www.iaumath.com/content/7/1/22>
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- 14) **İ. İşcan**, K. Bekar and S. Numan, Hermite-Hadamard and Simpson type inequalities for differentiable quasi-geometrically convex functions, *Turkish Journal of Analysis and Number Theory*, 2014, vol. 2, no. 2, 42-46.
- 15) **İ. İşcan**, On generalization of different type integral inequalities for s -convex functions via fractional integrals, *Mathematical Sciences and Applications E-Notes*, vol 2, no. 1, 2014, 55-67.
- 16) **İ. İşcan**, S. Numan and K. Bekar, Hermite-Hadamard and Simpson type inequalities for differentiable harmonically P -functions, *British Journal of Mathematics & Computer Science*, 4(14) (2014), 1908-1920.
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- 30) E. Set, İ. İşcan, F. Zehir, On some new inequalities of Hermite-Hadamard type involving harmonically convex functions via fractional integrals, *Konuralp journal of Mathematics*, 3 (1) (2015), 42-55.
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- 45) S. Maden, **İ. İşcan**, M. Kadakal, H. Kadakal, Some New Integral Inequalities for n -Times Differentiable Strongly r -Convex Functions, International Conference of Applied Analysis and Mathematical Modelling, İstanbul, Türkiye, 20-24 Haziran 2018.
- 46) S. Maden, **İ. İşcan**, H. Kadakal, New Type Integral Inequalities for Fourth Times Differentiable Prequasiinvex Functions, International Conference on Mathematical Advances and Applications, İstanbul, Türkiye, 11-13 Mayıs 2018.
- 47) S. Maden, **İ. İşcan**, M. Kadakal, New Type Integral Inequalities for n -Times Differentiable Preinvex Functions, International Conference on Mathematical Advances and Applications, İstanbul, Türkiye, 11-13 Mayıs 2018.

7.3. Yazılan Uluslararası kitaplar veya kitaplarda bölümler

- 1) N. Okur Bekar, H. Günay Akdemir, **İ. İşcan**, Some Extensions of Preinvexity for Stochastic Processes, Computational Analysis: AMAT, Ankara, May 2015 Selected Contributions, editör: George A. Anastassiou, Oktay Duman, Springer Proceedings in Mathematics & Statistics, Volume 155, pages: 259-270.

7.4. Ulusal hakemli dergilerde yayınlanan makaleler

- 1) D. M. Israfilov, **İ. İşcan**, "Kompleks Düzlemde Analitik Fonksiyonların Faber - Laurent Açılımı" Sakarya Üniversitesi, Fen- Edebiyat Fakültesi Dergisi, sayı 1 (özel sayı), seri A, 97-101, 1997.

- 2) **İ. İřcan**, S. Numan and K. Bekar, Hermite-Hadamard Type Integral Inequalities For Functions Whose Second Derivative Are Preinvex, *The Black Sea Journal of Science*, 2 (6) (2012), 110-118.
- 3) **İ. İřcan**, S. Numan and K. Bekar, Hermite-Hadamard Type Integral Inequalities For Functions Whose Second Derivative Are Prequasiinvex, *Ordu Univ. J. Sci. Tech.*, 2 (2) (2012), 32-40.
- 4) **İ. İřcan**, Generalized Hermite-Hadamard Type Inequalities for p-Quasi- Convex Functions, *Ordu Univ. J. Sci. Tech.*, Vol:6, No:1,2016, 83-93.
- 5) S. Turhan, **İ. İřcan**, New Hermite-Hadamard-Fejer Type Inequalities for Harmonically-P-Functions, *Karaelmas Fen ve Muh. Derg.* 7(1):253-258, 2017.
- 6) H. Kadakal, **İ. İřcan**, M. Kadakal, New Type Inequalities for p –Quasi- Convex Functions, *Ordu Univ. J. Sci. Tech.*, Vol:7, No:1, 2017,124-130.
- 7) Mahir Kadakal, Huriye Kadakal, **İmdat İřcan**, Some New Integral Inequalities for n -Times Differentiable Strongly Convex Functions, *Karaelmas Science and Engineering Journal (Karaelmas Fen ve Müh. Derg.)*, 8(1):147-150, 2018.
- 8) **İ. İřcan**, C. Altunsoy and M. Kadakal, Some New Inequalities for Lipschitz Functions via a Functional, *GÜFBED/GUSTIJ* (2019) 9 (2): 301-306. DOI: 10.17714/gumusfenbil.436723.
- 9) H. Kadakal, M. Kadakal, **İ. İřcan**, Some new integral inequalities for n-times differentiable Godunova-Levin functions, *Cumhuriyet Science Journal*, 38(4) (2017), 1-5
- 10) ř. Demir, S. Maden, **İ. İřcan**, M. Kadakal, On new Simpson’s type inequalities for trigonometrically convex functions with applications, *Cumhuriyet Science Journal*, 41(4) (2020), 862-874

7.5. Ulusal bilimsel toplantılarda sunulan bildiri kitabında basılan bildiriler

- 1) **İ. İřcan**, D.M. Israfilov, A. Çavuş, “The Approximation Properties of Generalized Faber Series Generated By An Integral Representation in the Complex Plane”, I. Kızılırmak Fen Bilimleri Kongresi, Kırıkkale Üniversitesi, 14-16 Mayıs 1997.
- 2) D. M. Israfilov, **İ. İřcan**, “Genelleřmiş Faber Polinomları serisinin yaklaşım özellikleri”, Balıkesir Üniversitesi Matematik Sempozyumu, Balıkesir Üniversitesi, 23-26 Mayıs 1996.

7.6 Diğer Yayınlar

8. Ulusal & Uluslararası Projeler (DPT, TÜBİTAK, AB, vb)

9. İdari Görevler

Matematik Bölüm Başkanlığı: 19.02.2007-19.03.2007; 04.02.2008-09.2012, 27.04.2015-29.06.2020
İstatistik Bölüm Başkanlığı: 23.06.2008-11.03.2011

10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

Yayın Kurulu Üyelikleri

- 1) Pure and Applied Mathematics Journal, Science Publishing Group. 2013-2016.
- 2) Mathematics and Statistics, Horizon Research Publishing Corporation. 2013-
- 3) American Journal of Mathematical Analysis, Science and Education Publishing. 2013-2016.
- 4) **Misafir Editor:** Applied Mathematical Sciences, (Hikari ltd), Open Special Issue: Inequalities for Generalized Convex Functions. 2015.
- 5) Karadeniz Fen Bilimleri Dergisi, Giresun Üniversitesi Fen Bilimleri Enstitüsü, 2014-
- 6) Turkish Journal of Inequalities, 2017-...
- 7) **Onursal Editör:**Open Journal of Mathematical Analysis, Ptolemy Institute of Scientific Research and Technology (PISRT), 2017-

11. Ödüller

TÜBİTAK UBYT kapsamında uluslararası yayın teşvik ödülü (2013).
TÜBİTAK UBYT kapsamında uluslararası yayın teşvik ödülü (2014).
KTÜ Fatih Eğitim Fakültesi, Bölüm ve Fakülte Birinciliği (1992).

12. Son beş yılda verdiği lisans ve lisansüstü düzeyindeki dersler

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2015-2016	1	Analiz I	4	2	12
2015-2016	1	Analiz III	4	2	4
2015-2016	1	Kompleks Analiz I	4	0	21
2015-2016	1	Reel Analiz	4	0	24
2015-2016	1	Araş. Yönt. Ve Teknikleri	2	0	1
2015-2016	1	Kompleks Fonk. Teo.	3	0	28
2015-2016	1	Matematik I	4	0	66
2015-2016	1	Matematik I (İ.Ö.)	4	0	61
2015-2016	1	Çok Değ. Reel Fonk. I*	3	0	12
2015-2016	1	İntegral Eşitsizlikleri I*	3	0	13
2015-2016	2	Analiz II	4	2	7
2015-2016	2	Analiz IV	4	2	7
2015-2016	2	Kompleks Analiz II	4	0	15

2015-2016	2	Fonksiyonel Analiz	4	0	18
2015-2016	2	Matematik II(İ.Ö.)	4	0	48
2015-2016	2	Seminer II*	0	2	8
2015-2016	2	Çok Değ. Reel Fonk. I*	3	0	9
2015-2016	2	İntegral Eşitsizlikleri I*	3	0	6
2015-2016	2	Çok Değ. Reel Fonk. II*	3	0	11
2015-2016	2	İntegral Eşitsizlikleri II*	3	0	10
2016-2017	1	Kompleks Analiz I	4	0	5
2016-2017	1	Reel Analiz	4	0	1
2016-2017	1	Çok Değ. Reel Fonk. II*	3	0	5
2016-2017	1	İntegral Eşitsizlikleri II*	3	0	4
2016-2017	1	Seminer*	0	2	3
2016-2017	1	Uzmanlık Alan Dersi*	8	0	8
2016-2017	1	Tez Yönetimi*	0	1*8	8
2016-2017	2	Kompleks Analiz II	4	0	2
2016-2017	2	Fonksiyonel Analiz	4	0	2
2016-2017	2	Analiz IV	4	2	3
2016-2017	2	Uzmanlık Alan Dersi*	8	0	10
2016-2017	2	Tez Yönetimi*	0	1*10	10
2016-2017	2	Seminer*	0	2	1
2017-2018	1	Kompleks Analiz I	4	0	5
2017-2018	1	Reel Analiz	4	0	3
2017-2018	1	Çok Değ. Reel Fonk. II*	3	0	5
2017-2018	1	İntegral Eşitsizlikleri ve Uyg II*	3	0	4
2017-2018	1	Seminer*	0	2	1
2017-2018	1	Uzmanlık Alan Dersi*	8	0	6
2017-2018	1	Konveks Fonks. Ve Uyg. I*	3	0	7
2017-2018	2	Konveks Fonks. Ve Uyg. II*	3	0	5
2017-2018	2	Analiz IV	4	2	1
2017-2018	2	Fonksiyonel Analiz	4	0	2
2017-2018	2	Seminer II	0	2	2
2017-2018	2	Seminer*	0	2	1
2017-2018	2	Uzmanlık Alan Dersi*	8	0	5
2017-2018	2	Tez Yönetimi*	0	1*3	3
2018-2019	1	Seminer*	0	2	1
2018-2019	1	Uzmanlık Alan Dersi*	8	0	4
2018-2019	1	Tez Yönetimi*	0	1*4	4
2018-2019	1	Eşitsizlikler I*	3	0	3
2018-2019	1	Konveks Fonks. Ve Uyg. I*	3	0	4
2018-2019	1	Kompleks Analiz I	4	0	1
2018-2019	1	Reel Analiz	4	0	1
2018-2019	1	Analiz III	4	2	1
2018-2019	2	Doktora Yeterlik*	3	0	1

2018-2019	2	Uzmanlık Alan Dersi (Doktora)*	8	0	2
2018-2019	2	Uzmanlık Alan Dersi (Y. Lisans)*	8	0	4
2018-2019	2	İleri Reel Analiz I*	3	0	2
2018-2019	2	Konveks Fonks. Ve Uyg. II*	3	0	2
2018-2019	2	Analiz IV	4	2	1
2018-2019	2	Tez Yönetimi*	0	1*3	3
2018-2019	2	Seminer*	0	2	1
2019-2020	1	Analizde Özel Konular I*	3	0	1
2019-2020	1	Eşitsizlikler I*	3	0	3
2019-2020	1	Doktora Tezi*	0	1	1
2019-2020	1	Uzmanlık Alan Dersi (Doktora)*	8	0	1
2019-2020	1	Uzmanlık Alan Dersi (Y. Lisans)*	8	0	2
2019-2020	1	İleri Reel Analiz I*	3	0	2
2019-2020	1	Konveks Fonks. Ve Uyg. I*	3	0	3
2019-2020	1	Tez Yönetimi*	0	1*2	2
2019-2020	1	Kompleks Analiz I	4	0	1
2019-2020	1	Reel Analiz	4	0	1
2019-2020	2	Analizde Özel Konular I*	3	0	1
2019-2020	2	Eşitsizlikler II*	3	0	1
2019-2020	2	Doktora Tezi*	0	1	1
2019-2020	2	Uzmanlık Alan Dersi (Doktora)*	8	0	1
2019-2020	2	Uzmanlık Alan Dersi (Y. Lisans)*	8	0	2
2019-2020	2	Tez Yönetimi*	0	1*2	2
2019-2020	2	İntegral Eşitsizlikleri ve Uyg I*	3	0	1
2019-2020	2	Konveks Fonks. Ve Uyg. II*	3	0	1

Not: “*” işaretli olan dersler lisansüstü düzeyindeki derslerdir.

13. Dergi Hakemlikleri

13.1. Uluslararası Dergilerde Yaptığı Hakemlikler:

- 1) Filomat, 9
- 2) Journal of Function Spaces, 5
- 3) Mathematical Problems in Engineering, 7
- 4) Numerical Methods for Partial Differential Equations, 3
- 5) Journal of Inequalities and Applications, 2
- 6) Aims Mathematics, 3
- 7) Miskolc Mathematical Notes, 3
- 8) Journal of Mathematics, 10
- 9) Heliyon, 1
- 10) Fractals, 1
- 11) Advances in Difference Equations, 2
- 12) DCDIS Series A Mathematical Analysis, 1

- 13) Kuwait journal of Sciences, 1
- 14) Results in Mathematics, 1
- 15) Journal of Applied Analysis and Computation, 1
- 16) Journal of the Egyptian Mathematical Society, 1
- 17) Mathematics and Statistics, 4
- 18) Arab Journal of Mathematical Sciences, 1
- 19) Journal of Applied Mathematics, Statistics and Informatics (JAMSI), 1
- 20) Studia Universitatis Babes-Bolyai Mathematica, 1
- 21) Turkish Journal of Analysis and Number Theory, 9
- 22) Turkish Journal of Science, 1
- 23) Le Matematiche, 1
- 24) Konuralp journal of Mathematics, 7
- 25) Facta Universitatis, Series: Mathematics and Informatics, 5
- 26) Pure and Applied Mathematics Letters, 2.
- 27) Punjab University Journal of Mathematics, 2
- 28) PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, 1
- 29) Proyecciones. Journal of Mathematics, 1
- 30) Journal of Mathematical Sciences and Applications, 1
- 31) Journal of New Theory, 2
- 32) Applied Mathematical Sciences, 1
- 33) Journal of Mathematical Analysis, 1
- 34) Commun. Fac. Sci. Univ. Ank. Ser. A1, 3
- 35) Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas (RACSAM), 1
- 36) Journal of fractional calculus and its applications, 2
- 37) Journal of Inequalities & Special Functions, 1
- 38) New Trends in Mathematical Sciences, 4
- 39) Acta et Commentationes Universitatis Tartuensis de Mathematica, 1
- 40) Moroccan Journal of Pure and Applied Analysis, 1
- 41) An Univ. Oradea, fasc. Mat, 2
- 42) Creative Mathematics and Informatics, 1
- 43) Turkish Journal of Inequalities, 5
- 44) Journal of Abstract and Computational Mathematics, 1
- 45) Topological Algebra and its Applications, 1
- 46) Advanced Mathematical Models & Applications, 1
- 47) Electronic Journal of Mathematical Analysis and Applications (EJMAA), 1
- 48) Revista Colombiana de Matematicas, 1
- 49) TWMS J. App. Eng. Math, 1
- 50) Journal of Mathematical Analysis, 2
- 51) Applied Mathematics and Application, 1
- 52) Romanian Journal of Mathematics and Computer Science, 1
- 53) The Journal of Analysis, 1
- 54) An. Univ. Oradea, fasc. Mat., 2
- 55) Current Journal of Applied Science and Technology, 1
- 56) European Journal of Pure and Applied Mathematics, 2
- 57) Journal of Universal Mathematics, 1

13.2. Ulusal Dergilerde Yaptığı Hakemlikler:

- 1) Ordu Üniversitesi Bilim ve Teknoloji Dergisi, 4

- 2) Karadeniz Fen Bilimleri Dergisi, 2
- 3) Karaelmas Science and Engineering Journal, 6
- 4) Celal Bayar Üniversitesi Fen Bilimleri Dergisi, 1