

Asst. Prof. ABDULHAMİT KÜÇÜKASLAN

Personal Information

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Education Information

Post Doctorate, Czech Republic 2017 - 2018

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2015

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Turkey 2008 - 2009

Postgraduate, Ankara University, Eğitim Bilimleri Enstitüsü, Turkey 2006 - 2008

Undergraduate, Dicle University, Faculty Of Science, Department Of Mathematics, Turkey 2002 - 2006

Research Areas

Mathematics, Operators, Abstract Harmonic Analysis

Academic Titles / Tasks

Assistant Professor, Ankara Yildirim Beyazıt University, Havacılık Ve Uzay Bilimleri Fakültesi, Havacılık Ve Uzay Mühendisliği Bölümü, 2021 - Continues

Assistant Professor, Pamukkale University, 2018 - 2021

Academic and Administrative Experience

Head of Department, Pamukkale University, 2020 - 2021

Deputy Director of Junior College, Pamukkale University, Academy Of Applied Sciences, 2020 - 2021

Fakülte Yönetim Kurulu Üyesi, Pamukkale University, Academy Of Applied Sciences, 2019 - 2021

Deputy Head of Department, Pamukkale University, 2018 - 2021

Head of Department, Pamukkale University, 2018 - 2021

Erasmus Coordinator, Pamukkale University, 2018 - 2021

Courses

Calculus I, Undergraduate, 2021 - 2022

Introduction to Differential Equation, Undergraduate, 2021 - 2022

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

- I. **An extension of the Muckenhoupt-Wheeden theorem to generalized weighted Morrey spaces**
Mustafayev R., Kucukaslan A.
Georgian Mathematical Journal, vol.28, no.4, pp.595-610, 2021 (Journal Indexed in SCI Expanded)
- II. **Maximal and Calderón-Zygmund operators on the local variable Morrey-Lorentz spaces and some**

applications

Kucukaslan A., Guliyev V., Aykol C., ŞERBETÇİ A.

Applicable Analysis, 2021 (Journal Indexed in SCI Expanded)

- III. **Riesz potential in the local Morrey-Lorentz spaces and some applications**
Guliyev V. S. , Kucukaslan A., Aykol C., ŞERBETÇİ A.
Georgian Mathematical Journal, vol.27, no.4, pp.557-567, 2020 (Journal Indexed in SCI Expanded)
- IV. **Equivalence of norms of the generalized fractional integral operator and the generalized fractional maximal operator on the generalized weighted Morrey spaces**
Kucukaslan A.
Annals of Functional Analysis, vol.11, no.4, pp.1007-1026, 2020 (Journal Indexed in SCI Expanded)
- V. **Maximal operator and Calderon-Zygmund operators in local Morrey-Lorentz spaces**
Guliyev V., Aykol C., Kucukaslan A., ŞERBETÇİ A.
Integral Transforms and Special Functions, vol.27, no.11, pp.866-877, 2016 (Journal Indexed in SCI Expanded)
- VI. **The boundedness of Hilbert transform in the local Morrey-Lorentz spaces**
Aykol C., Guliyev V., Kucukaslan A., ŞERBETÇİ A.
Integral Transforms and Special Functions, vol.27, no.4, pp.318-330, 2016 (Journal Indexed in SCI Expanded)
- VII. **Generalized fractional integral operators on generalized local Morrey spaces**
Guliyev V., Ismayilova A., Kucukaslan A., ŞERBETÇİ A.
Journal of Function Spaces, vol.2015, 2015 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Kant'ta Sentetik A Priori'nin Matematiğin Gerçekliğindeki Rolü**
KÜÇÜKASLAN A.
Danışname, vol.1, no.2, pp.1-18, 2021 (Other Refereed National Journals)
- II. **Two-type Estimates for the Boundedness of Generalized Riesz Potential Operator in the Generalized Weighted Local Morrey Space**
KÜÇÜKASLAN A.
Advanced Studies: Euro-Tbilisi Mathematical Journal, vol.14, no.4, pp.111-134, 2021 (Refereed Journals of Other Institutions)
- III. **The Two-Type Estimates for The Boundedness of Generalized Fractional Maximal Operator on the Generalized Weighted Local Morrey Spaces**
KÜÇÜKASLAN A.
Turkish Journal of Mathematics and Computer Sciences, vol.12, no.1, pp.57-66, 2020 (Refereed Journals of Other Institutions)
- IV. **Generalized fractional integral operators on vanishing generalized local Morrey spaces**
KÜÇÜKASLAN A., Hasanov S. G. , AYKOL YÜCE C.
International Journal of Mathematical Analysis, vol.11, no.6, pp.277-291, 2017 (Refereed Journals of Other Institutions)
- V. **Two-weighted inequality for (p,q) - admissible $B_{k,n}$ - potential operators in weighted Lebesgue spaces**
Gadjieva E. A. , Isayev F. A. , KÜÇÜKASLAN A.
Transactions of NAS of Azerbaijan, Issue Mathematics, vol.36, no.1, pp.36-53, 2016 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **An Extension of the Adams-type Theorem to Vanishing Generalized Weighted Morrey Spaces**
KÜÇÜKASLAN A.

International Conference on Mathematics and Mathematics Educaiton, Ankara, Turkey, 16 - 18 September 2021

- II. **Spanne-type Result for the Generalized Fractional Maximal Operator in the Vanishing Generalized Weighted Local Morrey Spaces**
KÜÇÜKASLAN A.
International Conference on Mathematics and Mathematics Educaiton, Ankara, Turkey, 16 - 18 September 2021
- III. **İspat-ı Vacip'te Burhan-ı Tatbik'in Matematik Felsefesi Açısından Analizi**
KÜÇÜKASLAN A.
TÜBİTAK 1001-Celeddin Devvani'nin İspat-ı Vacip Yorumunun Günümüz İnanç Problemlerine Katkısı, Isparta, Turkey, 13 September 2021
- IV. **Generalized Riesz potential operator in the modified Morrey spaces**
KÜÇÜKASLAN A.
II. International Conference on Mathematics and its Applications in Science and Engineering, Salamanca, Mexico, 1 - 02 July 2021
- V. **An extention theorem of Muckenhoupt-Wheeden to generalized weighted Morrey spaces**
KÜÇÜKASLAN A.
Operators in General Morrey-Type Spaces and Applications, Kütahya, Turkey, 16 - 20 July 2019
- VI. **Generalized fractional integral operators on vanishing generalized local Morrey spaces**
KÜÇÜKASLAN A.
International Conference on Mathematics and Mathematics Educaiton, Konya, Turkey, 11 - 13 July 2019
- VII. **Riesz potential and fractional maximal operators in the local Morrey-Lorentz spaces**
KÜÇÜKASLAN A.
International Conference on Mathematical Studies and Applications 2018, Karaman, Turkey, 4 - 06 October 2018
- VIII. **Evrende Altın Oran ve Matematik**
KÜÇÜKASLAN A.
Konferans, Denizli, Turkey, 21 February 2019
- IX. **Generalized fractional integral operators on Morrey type spaces**
KÜÇÜKASLAN A.
International Conference on Operators in Morrey-Type Spaces and Applications, Kırşehir, Turkey, 10 - 13 July 2017
- X. **Riesz potential in the local Morrey-Lorentz spaces and some applications**
KÜÇÜKASLAN A.
11th International Conference Nonlinear Analysis, Function Spaces and Applications, PRAG, Czech Republic, 9 - 14 July 2018
- XI. **Integral Operators of Harmonic Analysis in Local Morrey-Lorentz Spaces**
KÜÇÜKASLAN A.
Mini-courses in Mathematical Analysis, PADOVA, Italy, 2 - 06 July 2018
- XII. **The boundedness of Hilbert transform in the local Morrey-Lorentz spaces**
KÜÇÜKASLAN A.
International Prague Seminar on Function Spaces, PRAG, Czech Republic, 13 June 2018
- XIII. **An extension of Muckenhoupt-Wheeden theorem to generalized weighted Morrey spaces**
KÜÇÜKASLAN A.
International Conference on Mathematical Studies and Applications 2018, Karaman, Turkey, 4 October - 04 June 2018
- XIV. **Philosophy of the point**
KÜÇÜKASLAN A.
International Conference on Mathematics and Mathematics Educaiton, Şanlıurfa, Turkey, 11 - 13 May 2017
- XV. **The boundedness of Hilbert transform in the local Morrey-Lorentz spaces**
KÜÇÜKASLAN A.
International Conference on Mathematics and Mathematics Educaiton, Şanlıurfa, Turkey, 11 - 13 May 2017
- XVI. **Maximal operator and Calderon-Zygmund operators in local Morrey-Lorentz spaces**
KÜÇÜKASLAN A.

International Conference on Analysis and Its Applications, Kırşehir, Turkey, 12 August 2016 - 15 August 2016

XVII. Noktanın Felsefesi

KÜÇÜKASLAN A.

12. Ankara Matematik Günleri Sempozyumu, Ankara, Turkey, 25 - 26 May 2017

XVIII. Genelleştirilmiş Morrey uzaylarında genelleştirilmiş kesirli integral operatörlerinin sınırlılığı

KÜÇÜKASLAN A.

11. Ankara Matematik Günleri Sempozyumu, Ankara, Turkey, 26 - 27 May 2016

XIX. Generalized Fractional Integral Operators on Generalized Local Morrey Spaces

KÜÇÜKASLAN A.

Mathematical Analysis Differential Equations and Their Applications, Baku, Azerbaijan, 8 - 13 September 2015

XX. Genelleştirilmiş kesirli integral operatörlerin Morrey uzaylarında sınırlılığı

KÜÇÜKASLAN A., ŞERBETÇİ A.

Matematikçiler Derneği 14. Matematik Sempozyumu, Niğde, Turkey, 14 - 16 May 2015

XXI. Generalized fractional maximal operator on generalized local Morrey spaces

KÜÇÜKASLAN A.

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

Activities in Scientific Journals

Turkish Journal of Mathematics and Computer Sciences, Editor, 2018 - Continues

Memberships / Tasks in Scientific Organizations

American Mathematical Society, Member, 2018 - Continues, United States Of America

Scholarships

Sabatical, TUBITAK, 2019 - 2019

Post-Doc Researcher, TUBITAK, 2017 - 2018