

Assoc. Prof. Hülya DURU

Personal Information

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Education Information

Doctorate, İstanbul Üniversitesi, Faculty of Science, Matematik Böl./Topoloji A.B.D., Turkey 1993 - 1996

Post Graduate, İstanbul Üniversitesi, Faculty of Science, Matematik Böl./Topoloji A.B.D., Turkey 1987 - 1989

Under Graduate, İstanbul Üniversitesi, Faculty of Science, Matematik, Turkey 1980 - 1984

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Yarı Kuvvetli P-adik U-sayıları Hakkında, İstanbul University, Faculty of Science, Matematik/Topoloji A.B.D., 1996

Post Graduate, Süreklilik için Koşullar, İstanbul University, Faculty of Science, Matematik Böl./Topoloji A.B.D., 1989

Research Areas

Mathematics, Functional Analysis, General Topology, Natural Sciences

Academic Titles / Tasks

Associate Professor, İstanbul University, Faculty of Science, Department of Mathematics, 2015 - Continues

Assistant Professor, İstanbul University, Faculty of Science, Department of Mathematics, 1996 - 2015

Research Assistant, İstanbul Üniversitesi, Faculty of Science, Department of Mathematics, 1987 - 1996

Research Assistant, Boğaziçi Üniversitesi, Fen-Edebiyat Fakültesi, Matematik, 1985 - 1987

Professional Experience

Head of Department, İstanbul Üniversitesi, Faculty of Science, Matematik, 2005 - Continues

Courses

Metrik Uzaylar I, Under Graduate, 2013 - 2014, 2014 - 2015

Topolojiye Giriş (i.ö.), Under Graduate, 2013 - 2014, 2014 - 2015
Topolojiye Giriş, Under Graduate, 2013 - 2014, 2014 - 2015
Reel Analiz, Under Graduate, 2013 - 2014
Metrik Uzaylar I (i.ö.), Under Graduate, 2013 - 2014, 2014 - 2015
Genel Topoloji (i.ö.), Under Graduate, 2014 - 2015
Reel Analiz (i.ö.), Under Graduate, 2013 - 2014
Metrik Uzaylar II, Under Graduate, 2013 - 2014
Metrik Uzaylar II (i.ö.), Under Graduate, 2013 - 2014
Genel Topoloji, Under Graduate, 2013 - 2014
Reel Analiz, Under Graduate, 2010 - 2011, 2011 - 2012
Metrik Uzaylar I İ.Ö., Under Graduate, 2012 - 2013
Metrik Uzaylar I, Under Graduate, 2012 - 2013
Topolojiye Giriş, Under Graduate, 2012 - 2013
Genel Topoloji, Under Graduate, 2012 - 2013
Topolojiye Giriş İ.Ö., Under Graduate, 2012 - 2013
Topolojiye Giriş, Under Graduate, 2009 - 2010, 2011 - 2012
Fonksiyonel Analiz, Under Graduate, 2010 - 2011
Diferansiyel Denklemler I, Under Graduate, 2009 - 2010
Analiz II, Under Graduate, 2003 - 2004, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008
Analiz I, Under Graduate, 2004 - 2005, 2005 - 2006, 2006 - 2007, 2007 - 2008
Analiz III, Under Graduate, 1996 - 1997, 2005 - 2006
Analiz I, Under Graduate, 1996 - 1997, 1997 - 1998, 1998 - 1999, 1999 - 2000, 2000 - 2001, 2001 - 2002, 2002 - 2003, 2003 - 2004
Analiz II, Under Graduate, 1996 - 1997, 1998 - 1999, 1999 - 2000, 2000 - 2001, 2001 - 2002, 2002 - 2003
Lineer Cebir, Under Graduate, 1999 - 2000
Cebire Giriş, Under Graduate, 1999 - 2000
Analiz II, Under Graduate, 1997 - 1998
Analiz I, Under Graduate, 1997 - 1998
Analiz IV, Under Graduate, 1996 - 1997
İntegral Denklemler, Under Graduate, 1996 - 1997

Advising Theses

İLTER S., DURU H., Diferansiyel denklemlerin çözümlerinin varlığı ve tekliği ile ilgili teoremler, Post Graduate, O.Duman(Student), 2019
İLTER S., DURU H., Olasılıksal metrik uzaylarda bazı topolojik özellikler, Post Graduate, S.Bozkurt(Student), 2018
TAŞTAN H. M. , DURU H., Kısmi-eğik altmanifoldların geometrisi, Post Graduate, S.Gerdan(Student), 2015

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

- I. **Pre-Markov Operators**
Duru H., İlter S.
Turkish Journal Of Mathematics, vol.1, 2020 (Journal Indexed in SCI Expanded)
- II. **Weak Markov Operators**
Duru H., Ilter S.
FILOMAT, vol.32, pp.5453-5457, 2018 (Journal Indexed in SCI)
- III. **MULTIPLICATION OPERATORS ON VECTOR-VALUED FUNCTION SPACES**
Duru H., KITOVER A., Orhon M.
PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY, vol.141, pp.3501-3513, 2013 (Journal Indexed in

SCI)

IV. A fixed point theorem for a compact and connected set in Hilbert space

Duru H.

TURKISH JOURNAL OF MATHEMATICS, vol.35, pp.293-299, 2011 (Journal Indexed in SCI)

V. On Irregular Semi Strong P-ADIC U Numbers

DURU H.

TURKISH JOURNAL OF MATHEMATICS, vol.30, pp.75-85, 2006 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

I. On the Fixed Points of Affine Nonexpansive Mappings

Duru H.

The international journal of Mathematics and Mathematical Sciences, vol.28, pp.685-688, 2001 (Journal Indexed in ESCI)

II. Semi-Strong U Numbers In the P-Adic Field

DURU H.

İstanbul Üniv. Fen Fak. Mat. Dergisi, vol.57-58, pp.103-111, 1999 (National Refreed University Journal)

Books & Book Chapters

I. Reel Analiz Ders Notları

DURU H.

İstanbul Üniversitesi Fen Fakültesi, İstanbul, 2013

II. Topolojiye Giriş Ders Notları

DURU H.

İstanbul Üniversitesi Fen Fakültesi, İstanbul, 2012

Refereed Congress / Symposium Publications in Proceedings

I. Some Results on Probabilistic Space

Duru H., İltter S., Bilgin A.

7th International Conference on Recent Advances in Pure and Applied Mathematics (ICRAPAM 2020), Muğla, Turkey, 25 - 28 September 2020, pp.35

II. Some Results About Uniform Space

Duru H., İltter S., Bilgin A.

6th International Euroasia Congress on Scientific Researches and Recent Trends, Baku, Azerbaijan, 18 - 20 May 2020, pp.131

III. An extreme point theorem

DURU H.

The 3th International Conference of Mathematical Sciences (ICMS 2019), İstanbul, Turkey, 4 - 08 September 2019, pp.43

IV. Zayıf birim karakterizasyonu

DURU H.

32. Ulusal Matematik Sempozyumu, Samsun, Turkey, 31 August - 03 September 2019, pp.67

V. A result about lattice homomorphisms

DURU H.

Positivity X, Pretoria, South Africa, 8 - 12 July 2019, pp.20

VI. A note on lattice homomorphism

DURU H.

The 2th International Conference of Mathematical Sciences (ICMS 2018), İstanbul, Turkey, 31 July - 06 August 2018, pp.77

VII. Two Results In Köthe-Bochner Theory

DURU H.

Function spaces X, Poland, 1 - 04 July 2012, pp.7

VIII. Multiplication operators on vector-valued function spaces

DURU H.

2011 CMS Summer Meeting, Canada, 1 - 04 June 2011, pp.24

IX. A Fixed Point Theorem Without Convexity

DURU H.

International Conference of Mathematical Sciences, Turkey, 1 - 04 August 2009, pp.200

X. Kompakt ve Bağlantılı Alt kümeler için Schauder Sabit Nokta Teoremi

DURU H.

21. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 1 - 04 August 2009, pp.26

XI. A fixed point theorem in the strictly convex space

DURU H.

Function Spaces IX, Poland, 1 - 04 July 2009, pp.46

XII. A fixed Point theorem

DURU H.

The 20th International Congress of Jangjeon Mathematical Society, Turkey, 1 - 04 August 2008, pp.38

Supported Projects

Duru H., TÜBİTAK Project, Multiplication operators and algebras, 2016 - 2017

DURU H., GERDAN S., İLTER S., Project Supported by Higher Education Institutions, Multiplication operators and f-algebras, 2014 - 2017

DURU H., Project Supported by Higher Education Institutions, f-cebirlerinde uç nokta karakterizasyonu, 2013 - 2017

DURU H., Project Supported by Higher Education Institutions, BANACH KAFESLERİNİN MERKEZİ İLE BAĞLANTILI DEĞİŞMEYEN ALT UZAY PROBLEMLERİ ÜZERİNE, 2009 - 2013

Invited Congress and Symposium Activities

The 3th International Conference of Mathematical Sciences (ICMS 2019), Attendee, İstanbul, Turkey, 2019

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

Positivity X, Attendee, Pretoria, South Africa, 2019

The 2th International Conference of Mathematical Sciences (ICMS 2018), Attendee, İstanbul, Turkey, 2018

5th Conference on Integration and Vector Measures, Attendee, Palermo, Italy, 2012

Function spaces X, Attendee, Poznan/Polonya, Poland, 2012

2011 CMS Summer Meeting, Attendee, Edmonton, Canada, 2011

Integration, Vector Measures and Related topics, Attendee, Murcia, Spain, 2011

East Coast Operator Algebras Symposium, Attendee, Dartmouth Collage, United States Of America, 2010

Function spaces IX, Attendee, Krakow, Poland, 2009

International Conference of Mathematical Sciences, Attendee, Istanbul, Turkey, 2009

The 20th International Congress of Jangjeon Mathematical Society, Attendee, Bursa, Turkey, 2008

21. Ulusal Matematik Sempozyumu, Attendee, Istanbul, Turkey, 2008

XIV. Ulusal Matematik Sempozyumu, Attendee, Eskişehir, Turkey, 2001

XIII. Ulusal Matematik Sempozyumu, Attendee, Istanbul, Turkey, 2000

Matematik Günleri-II, Attendee, Ayvalık, Turkey, 1997

Matematik Günleri-I, Attendee, Altınoluk, Turkey, 1996
Ulusal Matematik Sempozyumu, Attendee, Cyprus (Kktc), 1993

Citations

Total Citations (WOS):1

h-index (WOS):1