Asst. Prof. SEMA DİKMENOĞLU

Personal Information

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International Researcher IDs
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Education Information

Doctorate, Karadeniz Technical University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey 1992 - 1997
Postgraduate, Karadeniz Technical University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey 1986 - 1991
Undergraduate, Karadeniz Technical University, Fen Edebiyat Fakültesi, Matematik Bölümü, Turkey 1982 - 1986

Foreign Languages

English, B1 Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Öğretmenlik Sertifikası (Lise), Fatih Eğitim Fakültesi, 1986

Dissertations

Doctorate, İki Yansıtan Bariyerli Yarı-Markov Rastgele Yürüyüş Süreci, Karadeniz Technical University, Fen Edebiyat Fakültesi, Matematik Bölümü, 1997
Postgraduate, Mercerian Teoremleri, Karadeniz Technical University, Fen Edebiyat Fakültesi, Matematik Bölümü, 1991

Research Areas

Mathematics, Sequences, Series, Summability, Functional Analysis, Probability Theory, Stochastic Processes, Special Functions, Natural Sciences

Academic Titles / Tasks

Karadeniz Technical University, Fen Fakültesi, Matematik Bölümü, 2018 - Continues
Assistant Professor, Karadeniz Technical University, Fen Fakültesi, Matematik Bölümü, 2000 - 2018
Research Assistant PhD, Karadeniz Technical University, Fen Edebiyat Fakültesi, Matematik Bölümü, 1997 - 2000

Research Assistant, Karadeniz Technical University, Fen Edebiyat Fakültesi, Matematik Bölümü, 1990 - 1997

Academic and Administrative Experience

Karadeniz Technical University, Fen Edebiyat Fakültesi, Matematik Bölümü, 2000 - 2006

Courses

GENEL TOPOLOJİ, Undergraduate, 2018 - 2019
MANİFOLDLAR ÜZERİNE ANALİZ, Postgraduate, 2018 - 2019
MATEMATİK II, Undergraduate, 2014 - 2015
ANALİZ IV, Undergraduate, 2014 - 2015
KOMPLEKS ANALİZ, Undergraduate, 2015 - 2016
MATEMATİK I, Undergraduate, 2015 - 2016
MÜHENDİSLİK MATEMATİĞİ, Undergraduate, 2013 - 2014
ANALİZ III, Undergraduate, 2013 - 2014
GENEL MATEMATİK, Undergraduate, 2013 - 2014
ANALİZ II, Undergraduate, 2012 - 2013
ANALİZ I, Undergraduate, 2012 - 2013
İLERİ MATEMATİK I, Undergraduate, 2006 - 2007
OLASILIK, Undergraduate, 2006 - 2007
İSTATİSTİK VE OLASILIĞA GİRİŞ II, Undergraduate, 2005 - 2006
İSTATİSTİK VE OLASILIĞA GİRİŞ I, Undergraduate, 2005 - 2006
MATEMATİK İSTATİSTİK, Undergraduate, 2004 - 2005
MATEMATİK V, Undergraduate, 2005 - 2006

Articles Published in Other Journals

I. **New Integral Inequalities via Harmonically Convex Functions**
İşcan İ., Aydın M., DİKMENOĞLU S.
Mathematics and Statistics, vol.3, pp.134-140, 2015 (Peer-Reviewed Journal)

II. **On The Weak Convergence In The Generalized Model of Type (s,S)**
Khaniev T. A., DİKMENOĞLU S.
Probability Theory and Mathematical Statistics, Kyiv- UKRAINE, vol.9, pp.52-58, 2002 (Peer-Reviewed Journal)

III. **The Limit Theorem For The Semi-Markov Random Walk Process With Two Reflecting Barriers**
Nasirova T. I., Yapar C., Dikmenoğlu S.
Bulletin of The International Statistical Institute (ISI), Voorburg NETHERLANDS, vol.57, pp.573-574, 1997 (Peer-Reviewed Journal)

IV. **On The Ergodicity of A Semi-Markovian Random Walk Process With Reflecting and Delaying Barriers**
Khaniev T. A., ÜNVER İ., Maden S., DİKMENOĞLU S.
Bulletin of The International Statistical Institute (ISI), Voorburg NETHERLANDS, vol.57, pp.245-246, 1997 (Peer-Reviewed Journal)

V. **The Limit Theorem For The Semi-Markov Random Walk Process With Reflecting Barrier On The a (a>0)-Level**
Nasirova T. I., Yapar C., DİKMENOĞLU S.
News of Akademy Sciences of Azerbaijan Ser. of Fiz.-Tech. and Mathematical Sciences, BAKU, vol.17, pp.23-28, 1997 (Peer-Reviewed Journal)

VI. **On The Ergodicity of A Semi-Markovian Random Walk Process With Two Reflecting Barriers**

Khaniev T. A., ÜNVER İ., DİKMENOĞLU S.

News of Akademy Science of Azerbaijan Ser. of Fiz.-Tech. and Mathematical Sciences, BAKU, vol.17, pp.76-84, 1997
(Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **On The Weak Convergence In The Generalized Model of Type (s,S)**
    Khaniev T. A., DİKMENOĞLU S.
    The International Conference: Stochastic Analysis and its Applications, Lviv, Ukraine, 10 - 17 June 2001, vol.9,
    pp.52-58
II. **On The Ergodicity of A Semi-Markovian Random Walk Process With Reflecting and Delaying Barriers**
    Khaniev T. A., ÜNVER İ., Maden S., DİKMENOĞLU S.
    The 51 st Session of The International Statistical Institute (ISI), Devlet İstatistik Enstitüsü, İstanbul, Turkey, 18 - 26
    August 1997, vol.2, pp.245-246
III. **The Limit Theorem For The Semi- Markov Random Walk Process With Two Reflecting Barriers**
    Yapar C., DİKMENOĞLU S., Nasirova T. I.
    The 51 st Session of The International Statistical Institute (ISI), Devlet İstatistik Enstitüsü, İstanbul, Turkey, 18 - 26
    August 1997, vol.2, pp.573-574
IV. **On The Ergodic Distribution Function of A Semi-Markovian Random Walk Process With Two
    Reflecting Barriers**
    DİKMENOĞLU S., ÜNVER İ.
    I. Kızılırmak Fen Bilimleri Kongresi, Kırıkkale Üniversitesi., Kırıkkale, Turkey, 14 - 16 May 1997, vol.-, pp.1-16
V. **On The Ergodicity of A Semi-Markovian Random Walk Process With Two Reflecting Barriers**
    DİKMENOĞLU S., Khaniev T. A., ÜNVER İ.
    Sakarya Matematik Sempozyumu, Sakarya Üniversitesi, Sakarya, Turkey, 19 - 21 September 1996, no.1, pp.143-154

Metrics

Publication: 11

Congress and Symposium Activities

I. Kızılırmak Fen Bilimleri Kongresi, Kırıkkale Üniversitesi., Attendee, Kırıkkale, Turkey, 1997
Sakarya Matematik Sempozyumu, Sakarya Üniversitesi, Attendee, Sakarya, Turkey, 1996

Awards

DİKMENOĞLU S., Fen Edebiyat Fakültesi Matematik Bölümü-Bölüm Birinciliği, Karadeniz Teknik Üniversitesi, August
1986
DİKMENOĞLU S., Prof. Dr. Nazım Terzioğlu Özel Matematik Ödülü, Prof. Dr. Tosun Terzioğlu, January 1984

Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI