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Personal Information

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International Researcher IDs

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Education Information

Post Doctorate, Kobenhavns Universitet (University of Copenhagen), Faculty Of Arts And Sciences, Insurance Mathematics, Denmark 2018 - 2019

Doctorate, Karadeniz Technical University, Fen Edebiyat Fakültesi, Matematik, Turkey 2011 - 2017

Postgraduate, University of Pittsburgh, Faculty Of Arts And Sciences, Mathematics, United States Of America 2008 - 2011

Undergraduate, Kirikkale University, Fen Edebiyat Fakültesi, Matematik, Turkey 2002 - 2006

Research Areas

Mathematics, Probability Theory, Stochastic Processes, Natural Sciences

Courses

Uzmanlık alan dersi, Postgraduate, 2022 - 2023

İstatistik, Undergraduate, 2021 - 2022

Geometri, Undergraduate, 2022 - 2023

Yüksek Lisans Tezi, Postgraduate, 2021 - 2022

İstatistik Yöntemler, Undergraduate, 2022 - 2023

Uzmanlık alan Dersi-I, Postgraduate, 2021 - 2022

Seminer, Postgraduate, 2021 - 2022

Mesleki İngilizce-II, Undergraduate, 2021 - 2022

Mühendislik Matematiği-I, Undergraduate, 2022 - 2023

Mühendislik Matematiği II, Undergraduate, 2020 - 2021

Olasılık Teorisinden Seçme Konular, Postgraduate, 2020 - 2021

Mühendislik Matematiği II, Undergraduate, 2020 - 2021

Olasılık, Undergraduate, 2020 - 2021, 2019 - 2020

Mühendislik Matematiği-1, Undergraduate, 2020 - 2021

Stokastik Süreçler, Postgraduate, 2020 - 2021

Mühendislik Matematiği 1, Undergraduate, 2020 - 2021

Mühendislik Matematiği 1, Undergraduate, 2020 - 2021

Genel Matematik, Undergraduate, 2019 - 2020

Matematik I, Associate Degree, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Moment-based approximations for stochastic control model of type (s, S)**
Kamışlık A. B., Baghezze F., KESEMEN T., Khaniyev T.
Communications in Statistics - Theory and Methods, 2023 (SCI-Expanded)
- II. **A semi-Markovian renewal reward process with Gamma(g) distributed demand**
Kamışlık A., Alakoç B., KESEMEN T., Khaniyev T.
TURKISH JOURNAL OF MATHEMATICS, vol.44, no.4, pp.1250-1262, 2020 (SCI-Expanded)
- III. **Inventory model of type (s, S) under heavy tailed demand with infinite variance**
Kamışlık A. B., KESEMEN T., Khaniyev T.
BRAZILIAN JOURNAL OF PROBABILITY AND STATISTICS, vol.33, no.1, pp.39-56, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation the ergodic distribution of a semi-Markovian inventory model of type (s,S) with intuitive approximation approach**
BEKTAŞ KAMIŞLIK A., Alakoç B., KESEMEN T., KHANİYEV T.
Journal of the Turkish Operations Management (JTOM), vol.7, no.1, pp.1483-1492, 2023 (Peer-Reviewed Journal)
- II. **"Üçgensel Müdahaleli Yarı-Markov (s,S) Tipli Modellerin Momentleri İçin Tahmin Ediciler"**,
Eriş Büyükkaya M., Bektaş Kamışlık A., Kesemen T.
Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.8, no.2, pp.430-441, 2018 (Peer-Reviewed Journal)
- III. **ON THE MOMENTS FOR ERGODIC DISTRIBUTION OF AN INVENTORY MODEL OF TYPE (s, S) WITH REGULARLY VARYING DEMANDS HAVING INFINITE VARIANCE**
Bektaş Kamışlık A., Kesemen T., Hanalioğlu T.
TWMS Journal of Applied and Engineering Mathematics, vol.8, no.1, pp.318-329, 2018 (Peer-Reviewed Journal)
- IV. **"Inventory Model of Type (s,S) With Subexponential Weibull Distributed Demand"**
Kesemen T., BEKTAŞ KAMIŞLIK A., Küçük Z., Şenol E.
Journal of Turkish Statistical Association, vol.9, no.3, pp.81-92, 2016 (Peer-Reviewed Journal)
- V. **On The Application Of Random Walk With Delay And Pareto Distributed Interference Of Chance To An Insurance Model**
KESEMEN T., KÜÇÜK Z., Khaniyev T., YETİM F., Bektaş Kamışlık A.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.3, pp.615-626, 2016 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Inventory Model of Type (s,S) with Heavy Tailed Demand and Heavy Tailed Interference of Chance**
Bektaş Kamışlık A., Hasançebi H. H., Kesemen T., Khaniyev T.
International Conference on Science, Engineering Management and Information Technology 2023, Ankara, Turkey, 14 - 15 September 2023, pp.157
- II. **Moment-Based Approximation Formula for Variance of Semi-Markovian Random Walk Process**
Alakoç B., Bektaş Kamışlık A., Kesemen T., Khaniyev T.
International Conference on Science, Engineering Management and Information Technology 2023, Ankara, Turkey, 14 - 15 September 2023, pp.156
- III. **Moment Based Approximation for a Semi-Markovian Inventory Model with Asymmetric Triangular Distributed Interference of Chance**
Bektaş Kamışlık A., Baghezze F., Kesemen T., Khaniyev T.

2nd International E-Conference on Mathematical and Statistical Science: A Selçuk Meeting, Konya, Turkey, 5 - 07 July 2023, pp.124

- IV. **New Estimator for the Moments of a Stochastic Control Model Based on Threshold Exceedances**
Bektaş Kamyşlık A.
2nd INTERNATIONAL E-CONFERENCE ON MATHEMATICAL AND STATISTICAL SCIENCES: A SELÇUK MEETING (ICOMSS'23), Konya, Turkey, 5 - 07 July 2023, pp.123
- V. **Peaks Over Threshold Estimation for Ergodic Distribution of a Semi-Markovian Inventory Model**
Bektaş Kamyşlık A.
International E-Conference on Mathematical and Statistical Sciences: A Selçuk Meeting, Konya, Turkey, 20 - 22 October 2022, pp.101
- VI. **Moment Based Approximation for a Semi Markovian Inventory Model of Type (s,S).**
Bektaş Kamyşlık A., Kesemen T., Hanalioğlu T., Baghezza F.
ASMDA 2021 Conference and Demographics Workshop Applied Stochastic Models and Data Analysis International Conference, Athens, Greece, 1 - 04 June 2021, pp.26
- VII. **Intuitive Approximation for Renewal Reward Process with $\Gamma(g)$ Distributed Demand**
Alakoç B., Kesemen T., Khanliyev T., Bektaş Kamyşlık A.
3 rd INTERNATIONAL E-CONFERENCE ON MATHEMATICAL ADVANCES AND ITS APPLICATIONS, İstanbul, Turkey, 24 - 27 June 2020, pp.95
- VIII. **"Inventory Model of Type (s,S) with Gamma(g) Distributed Component**
BEKTAŞ KAMIŞLIK A., Alakoç B., Kesemen T., Khanliyev T.
2nd INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES ICMRS 2019, Antalya, Turkey, 27 - 30 April 2019, pp.45
- IX. **New Estimator for a Semi Markovian Inventory Model when Demand Random Variables Have Infinite Variance**
BEKTAŞ KAMIŞLIK A., Alakoç B.
2nd INTERNATIONAL CONFERENCE ON MATHEMATICAL AND RELATED SCIENCES ICMRS 2019, Antalya, Turkey, 27 - 30 April 2019, pp.42
- X. **On The Estimator of Semi-Markovian Inventory Model with Subexponential Component**
ERİŞ BÜYÜKKAYA M., BEKTAŞ KAMIŞLIK A., KESEMEN T., HANALİOĞLU T.
INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN PURE AND APPLIED MATHEMATICS (ICRAPAM2018), 23 - 27 July 2018, pp.56-57
- XI. **A New Estimator for Ergodic Distribution of a Semi-Markovian Renewal Reward Process when Demand Distributions Belongs to the $L \cap D$ Subclass of Heavy Tailed Distributions**
BEKTAŞ KAMIŞLIK A., ERİŞ BÜYÜKKAYA M., KESEMEN T.
International Conference on Mathematics and Mathematics Education (ICMME-2018), Ordu, Turkey, 27 - 29 June 2018, pp.751-752
- XII. **The class of $L \cap D$ and its application to renewal reward process**
BEKTAŞ KAMIŞLIK A., Kesemen T., Tahir K.
IECMSA-2017, Budapeşte, Hungary, 15 - 18 August 2017
- XIII. **Approximate Results for a Semi Markovian Inventory Model with Regularly Varying Component**
BEKTAŞ KAMIŞLIK A., Kesemen T., Khanliyev T., Şenol E.
ICAAMM 2017, İstanbul, Turkey, 3 - 07 July 2017, pp.1-2
- XIV. **On the Moments of Semi-Markovian Inventory Model when the Demand Distribution Belongs to the General Class of Regularly Varying Distributions with Infinite Variance**
BEKTAŞ KAMIŞLIK A., Kesemen T., Şenol E.
ICRAPAM 2016, Muğla, Turkey, 19 - 23 May 2016, pp.121-122
- XV. **Inventory Model of Type (s,S) with Regularly Varying Demands Having Infinite Variance**
BEKTAŞ KAMIŞLIK A., Kesemen T., Khanliyev T.
IECMSA-2015, Atina, Greece, 31 August - 03 September 2015, pp.98-99
- XVI. **Moments of an Inventory Model of Type (s,S) with Heavy Tailed and Infinitely Varying Demands**
BEKTAŞ KAMIŞLIK A., Kesemen T., Khanliyev T., Küçük Z.

Informs Applied Probability Society Conference, İstanbul, Turkey, 5 - 08 July 2015, pp.70

XVII. Asymptotic Results for an Inventory Model of Type (s,S) with Heavy Tailed Demand

Khaniyev T., BEKTAŞ KAMIŞLIK A., Kesemen T.

International Workshop on Applied Probability, Antalya, Turkey, 16 - 19 June 2014, pp.192

XVIII. On Application of Random Walk with Delay and Pareto Distributed Interference of Chanceto an Insurance Model

Kesemen T., Küçük Z., Khaniyev T., Yetim F., BEKTAŞ KAMIŞLIK A.

ICAAMM 2013, İstanbul, Turkey, 2 - 05 June 2013, pp.70

Scientific Refereeing

GÜMÜŞHANE ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, National Scientific Refreed Journal, June 2021

Metrics

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Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1