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Personal Information

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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 !, Associate Degree, 2019 - 2020

Matematik 1, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Moment-based approximation for variance of semi-Markovian random walk with gamma distributed interference of chance**
ALAKOÇ B., KAMIŞLIK A. B., YAZIR T., YAZIR T., KHANIYEV T., KHANIYEV T.
Turkish Journal of Mathematics, vol.48, no.6, pp.1037-1054, 2024 (SCI-Expanded)
II. **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, vol.53, no.21, pp.7505-7516, 2024 (SCI-Expanded)
III. **A semi-Markovian renewal reward process with Gamma(g) distributed demand**
Kamislik A., Alakoc B., Kesemen T., Khaniyev T.
TURKISH JOURNAL OF MATHEMATICS, vol.44, no.4, pp.1250-1262, 2020 (SCI-Expanded)
IV. **Inventory model of type (s, S) under heavy tailed demand with infinite variance**
Kamislik 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 Kamışlık A., Alakoç B., Kesemen T., Khaniyev 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 Distrubuted Demand"**
Kesemen T., Bektaş Kamışlık 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., Yetim F., Bektas Kamislik 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 Selcuk 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 Kamışlık 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 Kamışlık 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 Kamışlık 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 Γ(g) Distributed Demand**
Alakoç B., Kesemen T., Khaniyev T., Bektaş Kamışlık 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., Khaniyev 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 withSubexponential Component**
ERİŞ BÜYÜKKAYA M., BEKTAŞ KAMIŞLIK A., KESEMEN T., HANALİOĞLU T.
INTERNATIONAL CONFERENCE on RECENT ADVANCES in PURE AND APPLIEDMATHEMATICS (ICRAPAM2018), 23 - 27 July 2018, pp.56-57

XI. **A New Estimator for Ergodic Distribution of a Semi-MarkovianRenewal Reward Process when Demand Distributions Belongs totheL∩DSubclass 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 ? 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., Khaniyev 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., Khaniyev 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., Khaniyev 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

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