

Res. Asst. PhD Seda GÖKTEPE KÖRPEOĞLU

Personal Information

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik Mühendisliği, Turkey 2013 - 2019

Postgraduate, Balıkesir Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, Turkey 2011 - 2013

Undergraduate, Balıkesir Üniversitesi, Necatibey Eğitim Fakültesi, Ortaöğretim Matematik Öğretmenliği, Turkey 2006 - 2011

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Optimal Control of Physical Systems Governed by Partial Differential Equations, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2019

Postgraduate, Topolojik Uzaylarda Bazı Sürekli Çoğul Değerli Fonksiyonlar, Balıkesir Üniversitesi, Fen Bilimleri Enstitüsü, Matematik, 2013

Research Areas

Mathematics, Differential Equations, Mathematics Education, Optimization, Numerical Analysis, Natural Sciences

Academic Titles / Tasks

Research Assistant PhD, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, 2020 - Continues

Research Assistant, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Mathematics Engineering, 2013 - 2019

Research Assistant, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Matematik, 2012 - 2013

Courses

Gıda Mühendisliğinde Bilgisayar Uygulamaları, Undergraduate, 2020 - 2021

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

- I. **Multi-objective optimal sizing of energy dissipative steel cushions for longitudinal loading**
Gullu A., GÖKTEPE KÖRPEOĞLU S., Selek Kilicarslan E. S.
STRUCTURAL AND MULTIDISCIPLINARY OPTIMIZATION, 2021 (Journal Indexed in SCI)
- II. **Optimal Vibration Control of An Isotropic Beam Through Boundary Conditions**
Göktepe Körpeoğlu S.
Thermal Science, no.25, pp.113-124, 2021 (Journal Indexed in SCI Expanded)
- III. **Dynamics Response Control of a Mindlin-Type Beam**
Yildirim K., Korpeoglu S., Kucuk I.
INTERNATIONAL JOURNAL OF STRUCTURAL STABILITY AND DYNAMICS, vol.17, no.3, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Optimal control system of a microbeam model with the boundary term**
Göktepe Körpeoğlu S., Yıldırım K.
Tbilisi Mathematical Journal, vol.8, pp.147-156, 2021 (Journal Indexed in ESCI)
- II. **EXAMINATION OF MIDDLE SCHOOL STUDENTS' INTERESTS IN STEM PROFESSIONS USING EDUCATIONAL DATA MINING**
Göktepe Yıldız S., Göktepe Körpeoğlu S.
The Journal of Academic Social Science Studies, vol.13, no.83, pp.89-106, 2020 (Refereed Journals of Other Institutions)
- III. **Comparison of Two Mathematics Courses Conducted in Different Ways: Case of Game Theoretical Analysis**
Göktepe Yıldız S., Göktepe Körpeoğlu S.
e-Turkish Studies (elektronik), vol.15, no.4, pp.473-490, 2020 (Other Refereed National Journals)
- IV. **İlköğretim Matematik Öğretmen Adaylarının Akıllı Tahta Teknolojisi Kullanımı ile İlgili Görüşleri**
Göktepe Yıldız S., Göktepe Körpeoğlu S.
Turkish Studies - Educational Sciences, vol.15, no.5, pp.3339-3357, 2020 (Other Refereed National Journals)
- V. **ORTAOKUL ÖĞRENCİLERİNİN MATEMATİK SINAV KAYGILARI ÜZERİNE BİR ARAŞTIRMA**
Göktepe Körpeoğlu S., Göktepe Yıldız S.
Uluslararası Sosyal Araştırmalar Dergisi / The Journal of International Social Research, vol.13, no.72, pp.610-620, 2020 (Refereed Journals of Other Institutions)
- VI. **Optimal Boundary Control for A Second Strain Gradient Theory-based Beam Model**
Göktepe Körpeoğlu S., Küçük İ., Yıldırım K.
Sigma Journal of Engineering and Natural Sciences, vol.37, no.4, pp.1281-1292, 2019 (Journal Indexed in ESCI)
- VII. **Optimal Control of Advection-Diffusion Process with a Bilinear Control**
Göktepe Körpeoğlu S.
ICOM 2019 Conference Proceedings Book, vol.3, pp.408-416, 2019 (International Conference Book)
- VIII. **A NEW APPROACH FOR ASSESSING TEACHERS' TEACHING METHODS USED IN LESSONS: GAME THEORETIC ANALYSIS**
Göktepe Yıldız S., Göktepe Körpeoğlu S.
Acta Didactica Napocensia, vol.12, no.2, pp.29-44, 2019 (Refereed Journals of Other Institutions)
- IX. **Optimal Control of a Bilinear System with a Quadratic Cost Functional**
Göktepe Körpeoğlu S., Küçük İ.
Computing Communication Control and automation (ICCUBE), 2018 International Conference on, vol.4, 2018 (International Conference Book)
- X. **Exploring pre-service mathematics teachers' understandings of countability and infinity in webquest based learning environment**

- GÖKTEPE YILDIZ S., Göktepe Körpeoğlu S.
European Journal of Educational Studies, vol.5, no.1, pp.94-121, 2018 (Refereed Journals of Other Institutions)
- XI. **Exploring pre-service mathematics teachers' understandings of countability and infinity in webquest based learning environment**
Göktepe Yıldız S., Göktepe Körpeoğlu S.
European Journal of Education Studies, vol.5, no.1, pp.94-121, 2018 (Refereed Journals of Other Institutions)
- XII. **OPTIMAL BOUNDARY CONTROL OF A TIMOSHENKO BEAM VIA MAXIMUM PRINCIPLE**
Göktepe Körpeoğlu S., Yıldırım K., Küçük İ.
Proceedings of the Sixth IASTED International Conference August 16 - 18, 2016 Campinas, Brazil Modelling, Simulation and Identi, vol.6, pp.128-133, 2016 (International Conference Book)
- XIII. **A Sample Webquest Applicable in Teaching Topological Concepts**
Göktepe Yıldız S., Göktepe Körpeoğlu S.
International Journal of Education in Mathematics, Science and Technology, vol.4, no.2, pp.133-146, 2015 (Journal Indexed in ESCI)
- XIV. **The Examination Of Mental Rotation Abilities Of Elementary Mathematics Education And Mathematical Engineering Students**
Göktepe Yıldız S., Göktepe Körpeoğlu S., Körpeoğlu E.
TOJET: The Turkish Online Journal of Educational Technology, vol.2, pp.612-618, 2015 (Refereed Journals of Other Institutions)
- XV. **A WebQuest Example for Mathematics Education**
Göktepe Körpeoğlu S.
Procedia - Social and Behavioral Sciences, vol.116, pp.2175-2179, 2014 (International Conference Book)
- XVI. **On Strongly b^*g -Continuous Multifunctions**
Açıkgöz A., Göktepe Körpeoğlu S.
Mathematical Sciences and Applications E-Notes, vol.1, no.2, pp.136-142, 2013 (Refereed Journals of Other Institutions)
- XVII. **A Type of Continuous Multifunction in Topological Spaces**
Açıkgöz A., Göktepe Körpeoğlu S.
American Journal of Mathematics and Statistics, vol.3, no.6, pp.417-420, 2013 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Modelling of Sultan Mehmet the Conqueror's Strategies Used during the Conquest of Istanbul by Using Game Theory .**
GÖKTEPE KÖRPEOĞLU S.
in: Communication and Digital Media, Arslan H., İçbay M.A., Tomescu M., Editor, E-Bwn, -, pp.85-94, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **On the Optimal Control of An Isotropic Beam**
Göktepe Körpeoğlu S.
4 th INTERNATIONAL CONFERENCE ON MATHEMATICS, İstanbul, Turkey, 27 - 30 November 2020, pp.143
- II. **Optimal Control of Advection-Diffusion Process with a Bilinear Control**
Göktepe Körpeoğlu S.
3. International Conference on Mathematics: "An Istanbul Meeting for World Mathematicians", İstanbul, Turkey, 3 - 05 July 2019, pp.94
- III. **Optimal Control of a Bilinear System with a Quadratic Cost Functional**
Körpeoğlu S., KÜÇÜK İ.

4th International Conference on Computing, Communication Control and Automation, ICCUBEA 2018, Pune, India, 16 - 18 August 2018

- IV. **Matematik Öğretmen Adaylarının Gözünden Akıllı Tahtaların Kullanışlılığı**
GÖKTEPE YILDIZ S., GÖKTEPE KÖRPEOĞLU S.
International Field Education of Material Symposium, İstanbul, Turkey, 03 March 2018
- V. **Matematik Derslerinde Akıllı Tahta Kullanımının Oyun Teorisi İle Analiz Edilmesi**
GÖKTEPE YILDIZ S., GÖKTEPE KÖRPEOĞLU S.
International Field Education of Material Symposium, İstanbul, Turkey, 03 March 2018
- VI. **Öğretmenlerin derslerinde kullandıkları öğretim yöntemlerinin oyun teorisi ile analiz edilmesi.**
GÖKTEPE KÖRPEOĞLU S., KÖRPEOĞLU E.
3. Uluslararası Avrasya Eğitim Araştırmaları Kongresi, 01 June 2016
- VII. **Modelling of Sultan Mehmet the Conqueror's strategies used during the conquest of Istanbul by using game theory**
GÖKTEPE KÖRPEOĞLU S., KÖRPEOĞLU E.
X. European Conference on Social and Behavioral Sciences, 01 May 2016
- VIII. **Optimal boundary control of a timoshenko beam via maximum principle**
Korpeoglu S., Yildirim K., KÜÇÜK İ.
6th IASTED International Conference on Modelling, Simulation and Identification, MSI 2016, Campinas, Brazil, 16 - 18 August 2016, pp.128-133
- IX. **Topoloji öğretiminde kullanılacak bir webquest örneği**
Göktepe Körpeoğlu S.
1 st Eurasian Educational Research Congress, İstanbul, Turkey, 01 April 2014, pp.224
- X. **A Webquest Example for Mathematics Education**
GÖKTEPE KÖRPEOĞLU S.
WCES-2013 5th World Conference on Educational Sciences, Rome-ITALY, 01 February 2013
- XI. **On Some Types of Strongly Continuous Multifunctions**
GÖKTEPE KÖRPEOĞLU S.
First International Eurasian Conference on Mathematical Sciences and Applications, 01 September 2012
- XII. **On Some Strongly Irresolute Multifunctions**
GÖKTEPE KÖRPEOĞLU S.
International Congress in Honour of Professor H.M.Srivastava, 01 August 2012
- XIII. **On Upper and Lower Faintly Beta-star-g Continuous Multifunctions**
GÖKTEPE KÖRPEOĞLU S.
International Conference on Applied Analysis and Algebra, 01 June 2012

Tasks In Event Organizations

Göktepe Körpeoğlu S., 6th International Conference on Modelling, Simulation and Applied Optimization , Scientific Congress, İstanbul, Turkey, Mayıs 2015

Citations

Total Citations (WOS):2

h-index (WOS):1

Scholarships

Doğrudan Doktora Burs Programı, TUBITAK, 2013 - 2019

Son Sınıf Lisans Öğrencileri için Lisansüstü Burs Programı, TÜBİTAK, 2011 - 2013