

## Assoc. Prof. FİDAN NURİYEVA

### Personal Information

**Office Phone:** [+90 232 301 9504](tel:+902323019504)

**Email:** fidan.nuriyeva@deu.edu.tr

**Web:** <https://avesis.deu.edu.tr/fidan.nuriyeva>

**Address:** Dokuz Eylül Üniversitesi, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, Öğretim Üyeleri Binası, Ofis: 102, Tınaztepe Kampüsü, 35160, Buca / İzmir

### International Researcher IDs

ScholarID: EKgmSuUAAAAJ

ORCID: 0000-0001-5431-8506

Publons / Web Of Science ResearcherID: Y-6274-2019

ScopusID: 55180616300

Yoksis Researcher ID: 205605

### Education Information

Doctorate, Ege University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2010 - 2013

Postgraduate, Ege University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2008 - 2010

### Research Areas

Computer Sciences, Mathematics

### Academic Titles / Tasks

Associate Professor, Dokuz Eylül University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2018 - Continues

Assistant Professor, Dokuz Eylül University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2016 - 2018

Lecturer, Dokuz Eylül University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2014 - 2016

### Academic and Administrative Experience

Bölüm ÇAP Koordinatörü, Dokuz Eylül University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2023 - 2024

Fakülte Mezuniyet Komisyonu Üyesi, Dokuz Eylül University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2022 - 2024

Chairman of the Program Accreditation-Self-Assessment Commission, Dokuz Eylül University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2021 - 2024

Member of Unit Quality Commission, Dokuz Eylül University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2021 - 2024

Bölüm Yatay Geçiş ve İntibak Komisyonu Üyesi, Dokuz Eylül University, Fen Fakültesi, Bilgisayar Bilimleri Bölümü, 2018 - 2024

### Courses

Postgraduate

Yüksek Lisans Uzmanlık Alanı, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Yüksek Lisans Tez, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

M.Sc. Seminar, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Extramal Problems and Special Graphs, Postgraduate, 2020 - 2021

Graph Theory Techniques in Mathematical Modelling, Postgraduate, 2020 - 2021

### **Undergraduate**

Bitirme Projesi, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Bilgisayar Bilimlerine Giriş II., Undergraduate, 2023 - 2024, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2014 - 2015

Sistem Analizi, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Bilgisayar Cebiri, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Ayrık Matematik ve Mantık, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Bilgi Teknolojileri ve Uygulamaları, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Computer Programming for Data Management, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Bilgisayar Bilimlerine Giriş I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

PROJECT, Undergraduate, 2020 - 2021

ALGORITHMS AND PROGRAMMING, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Kombinatorial Optimizasyon, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

Information Technologies , Undergraduate, 2018 - 2019, 2014 - 2015

Temel Bilgisayar Bilimleri , Undergraduate, 2016 - 2017

Teknik İngilizce II, Undergraduate, 2015 - 2016, 2014 - 2015

Computer Programming II, Undergraduate, 2015 - 2016

Computer Programming I, Undergraduate, 2016 - 2017, 2015 - 2016

### **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Optimizing convex hull discovery: Introducing a quintuple-region algorithm with enhanced computational efficiency**  
Nuriyeva F., Kutucu H.  
ENGINEERING SCIENCE AND TECHNOLOGY, AN INTERNATIONAL JOURNAL, vol.61, no.1, pp.1-11, 2025 (SCI-Expanded)
- II. **Determination of chemical components of the endemic species *Allium turcicum* L. plant extract by LC-MS/MS and evaluation of medicinal potentials**  
İpek P., Atalar M. N., Baran A., Baran M. F., Ommati M. M., Karadağ M., Zor M., Eftekhari A., Alma M. H., Benis K. Z., et al.  
HELIYON, vol.10, no.6, pp.1-10, 2024 (SCI-Expanded)
- III. **THE RAINBOW CONNECTION PROBLEM: MATHEMATICAL FORMULATIONS**  
Kutucu H., Nuriyeva F., Ugurlu O.  
ARS COMBINATORIA, vol.127, pp.101-108, 2016 (SCI-Expanded)
- IV. **ON A GENERALIZED SEQUENTIAL PARTIALLY COVERING PROBLEM**  
Nuriyeva F.  
APPLIED AND COMPUTATIONAL MATHEMATICS, vol.15, no.2, pp.239-242, 2016 (SCI-Expanded)
- V. **Algorithms with guarantee value for knapsack problems**  
Guler A., Nuriyev U., Berberler M. E., Nuriyeva F.  
OPTIMIZATION, vol.61, no.4, pp.477-488, 2012 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A Convex Hull Based Algorithm for Solving the Traveling Salesman Problem**  
Nuriyeva F., Kutucu H.  
Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, vol.15, no.2, pp.412-420, 2025 (ESCI)
- II. **On the Polynomial Multiplication Algorithms for Post-Quantum Cryptography**  
Yalçın E., Nuriyeva F., Alkım E.  
Current Trends in Computing, vol.2, no.2, pp.96-107, 2024 (Peer-Reviewed Journal)
- III. **ON THE GRAPH REPRESENTATION OF THE  $3n + 1$  CONJECTURE**  
Nuriyeva F., Nuriyev U.  
Journal of Modern Technology and Engineering, vol.9, no.1, pp.25-38, 2024 (Peer-Reviewed Journal)
- IV. **Pixel Dungeon - Turn Based Game With Unity**  
Eroğul M., Cenikli Ö. F., Biçen O., Nuriyeva F.  
Journal of Artificial Intelligence and Data Science, vol.3, no.2, pp.88-98, 2023 (Peer-Reviewed Journal)
- V. **Circuit Covering the Euclidean Complete Graph**  
Nuriyeva F.  
Journal of Modern Technology and Engineering, vol.8, no.3, pp.196-206, 2023 (Peer-Reviewed Journal)
- VI. **The Role of Artificial Intelligence in Effective Earthquake Forecasting**  
Turapov U., Nuriyeva F.  
Journal of Modern Technology and Engineering, vol.8, no.1, pp.54-62, 2023 (Peer-Reviewed Journal)
- VII. **A New Heuristic for Solving Travelling Salesman Problem: Adding the Furthest Vertex to the Central Triangle**  
Nuriyeva F., Polat Ş.  
Journal of Modern Technology and Engineering, vol.8, no.1, pp.19-26, 2023 (Peer-Reviewed Journal)
- VIII. **DIAGNOSIS OF THYROID DISEASE USING MACHINE LEARNING TECHNIQUES**  
Savcı E., Nuriyeva F.  
Journal of Modern Technology and Engineering, vol.7, no.2, pp.134-145, 2022 (Peer-Reviewed Journal)
- IX. **On Determining the Upper Limit of the Number of Composite Numbers in a Given Interval**  
Nuri E., Nuriyeva F., Nuriyev U.  
Journal of Modern Technology and Engineering, vol.6, no.1, pp.13-23, 2021 (Peer-Reviewed Journal)
- X. **An Iterative Heuristic Algorithm for Travelling Salesman Problem**  
Alizade E., Nuriyeva F.  
Journal of Modern Technology and Engineering, vol.6, no.1, pp.34-40, 2021 (Peer-Reviewed Journal)
- XI. **On the NU-Sequence and Distribution of Prime Numbers**  
Nuri E., Nuriyeva F., Nuriyev U.  
Journal of Modern Technology and Engineering, vol.5, no.2, pp.139-150, 2020 (Peer-Reviewed Journal)
- XII. **Analysis of the Number of Composite Numbers in a Given Interval**  
Nuri E., Nuriyeva F., Nuriyev U.  
Journal of Modern Technology and Engineering, vol.5, no.1, pp.97-106, 2020 (Peer-Reviewed Journal)
- XIII. **ON A CALCULATION OF A NUMBER OF COMPOSITE NUMBERS IN A GIVEN INTERVAL**  
Nuri E., Nuriyeva F., Nuriyev U.  
Journal of Modern Technology and Engineering, vol.4, no.3, 2019 (Peer-Reviewed Journal)
- XIV. **A METHOD BASED ON HIERARCHICAL CLUSTERING FOR TRAVELLING SALESMAN PROBLEM**  
Nuriyeva F.  
Journal of Modern Technology and Engineering, vol.4, no.2, 2019 (Peer-Reviewed Journal)
- XV. **Practical Aspects of Solving Combinatorial Optimization Problems**  
Nuriyev U., Nuriyeva F.  
Advanced Mathematical Models and Applications, vol.3, no.3, pp.179-191, 2018 (Peer-Reviewed Journal)
- XVI. **A NEW HEURISTIC ALGORITHM FOR MULTIPLE TRAVELING SALESMAN PROBLEM**  
Nuriyeva F., Kizilates G.

- TWMS JOURNAL OF APPLIED AND ENGINEERING MATHEMATICS, vol.7, no.1, pp.101-109, 2017 (ESCI)
- XVII. **A Fuzzy Model of the Problem of Optimal Placement and Integration of Offshore Oil and Gas Platforms**  
Nuri E., Nuriyeva F., Nasiboğlu E.  
Journal of Modern Technology and Engineering, vol.1, no.1, pp.30-38, 2016 (Peer-Reviewed Journal)
- XVIII. **Gezgin Satıcı Problemi İçin Merkezden Kenarlara Hipersezgisel Yöntem**  
Nuriyeva F., Kızılateş G.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.2, pp.319-323, 2016 (Peer-Reviewed Journal)
- XIX. **Heuristic Grid Algorithm for Travelling Salesman Problem**  
Nuriyeva F.  
Transactions of National Academy of Sciences of Azerbaijan, Series of nPhysical-Technical and Mathematical Sciences, Informatics and Control Problems, vol.36, no.3, pp.77-81, 2016 (Peer-Reviewed Journal)
- XX. **A Tour Extending Hyperheuristic Algorithm for the Traveling Salesman Problem**  
Kızılateş G., Nuriyeva F., Kutucu H.  
Proceedings of the IAM, vol.4, no.1, pp.8-15, 2015 (Peer-Reviewed Journal)
- XXI. **A New Hybrid Heuristic Algorithm for Solving TSP**  
Kızılateş G., Nuriyeva F.  
vol.2, no.2, pp.143-148, 2013 (Peer-Reviewed Journal)
- XXII. **A Mathematical Model for the Rainbow Vertex Connection Number**  
Nuriyeva F., Uğurlu O., Kutucu H.  
Advances in Computer Science : an International Journal, vol.2, no.4, pp.103-106, 2013 (Peer-Reviewed Journal)
- XXIII. **A Parametric Hybrid Method for the Traveling Salesman Problem**  
Kızılateş G., Nuriyeva F.  
MATHEMATICAL AND COMPUTATIONAL APPLICATIONS, vol.18, no.3, pp.459-466, 2013 (Peer-Reviewed Journal)
- XXIV. **Improvements on Heuristic Algorithms for Solving Traveling Salesman Problem**  
Nuriyeva F., Kızılateş G., Berberler M. E.  
International Journal of Advanced Research in Computer Science, vol.4, no.11, pp.1-8, 2013 (Peer-Reviewed Journal)
- XXV. **Yeni Çarpanlara Ayırma Yöntemleri ve Onların Paralleleştirilmesi**  
Nuriyeva F., Keskin S.  
Journal of Qafqaz University, An International Journal, Mathematics and Computer Science, no.33, pp.22-34, 2012 (Peer-Reviewed Journal)
- XXVI. **Analysis of Dominating Subset With Minimal Weight Problem**  
Ordin B., Nuriyeva F.  
Selçuk Journal of Applied Mathematics, vol.12, no.1, pp.43-52, 2011 (Peer-Reviewed Journal)

## Books

- I. **Algorithm for Circuit Covering the Euclidean Complete Graph**  
Nuriyeva F.  
in: Information Technologies and Their Applications. ITTA 2024. Communications in Computer and Information Science. vol 2225. , Gulchohra Mammadova, Telman Aliev, Kamil Aida-zade, Editor, Springer Nature Switzerland Ag, Bern, pp.260-274, 2024
- II. **A Simple Iterative Algorithm for Boolean Knapsack Problem**  
Nuriyeva F., Uğurlu O., Nuriyev U.  
in: Lecture Notes on Data Engineering and Communications Technologies, Artificial Intelligence and Applied Mathematics in Engineering Problems, Hemanth D., Köse Utku, Editor, Springer, London/Berlin , Zürich, pp.684-689, 2020
- III. **Dokuz Eylül Üniversitesi tanıtım kitabı (Azerbaycanca)**

Kuruoğlu G., Nuriyeva F., Sadiyeva E., Mammad M.

Dokuz Eylül Üniversitesi, İzmir, 2019

IV. **Bölüm 31**

Nuriyeva F.

in: Algoritmalar Giriş, Urfat Nuriyev, Efendi Nasiboğlu, Tahsin Öner, Editor, PALME, Ankara, pp.926-985, 2017

V. **On the Nearest Neighbor Algorithms for the Traveling Salesman Problem**

Kızılateş G., Nuriyeva F.

in: Advances in Computational Science, Engineering and Information Technology, Dhinakaran, Nagamalai, Ashok Kumar, Annamalai Annamalai, Editor, Springer, London/Berlin, Berlin, pp.111-118, 2013

## **Papers Published in Refereed Scientific Meetings**

I. **Circuit Covering Graph Based Algorithm for Solving the Traveling Salesman Problem**

Nuriyeva F., Nuriyev U.

3rd INTERNATIONAL CONFERENCE ON PROBLEMS OF LOGISTICS, MANAGEMENT AND OPERATION IN THE EAST-WEST TRANSPORT CORRIDOR (PLMO 2024), Baku, Azerbaijan, 15 - 17 May 2024, pp.47

II. **Algorithm for Circuit Covering the Euclidean Complete Graph**

Nuriyeva F.

2nd International Conference on Information Technologies and Their Applications, Baku, Azerbaijan, 23 - 25 April 2024, pp.113-114

III. **Heuristic Algorithm for Solving Travelling Salesman Problem: Adding the Endpoints of the Longest Edges**

Nuriyeva F.

5th International Conference on Problems of Cybernetics and Informatics, Baku, Azerbaijan, 28 - 30 August 2023, pp.1-4

IV. **Unity ile Sıra Tabanlı Oyun**

Eroğul M., Cenikli Ö. F., Biçen O., Nuriyeva F.

Uluslararası Yapay Zeka ve Veri Bilimi Kongresi (ICADA 2023), İzmir, Turkey, 28 July 2023, pp.26

V. **Heuristic Algorithm for Solving Travelling Salesman Problem: Adding Vertex to Quadrilateral Center**

Nuriyeva F.

II International Scientific Conference on "Theoretical and applied problems of mathematics", Sumqayit, Azerbaijan, 25 - 26 April 2023, pp.98-101

VI. **A Comparative Study on Polynomial Multiplication Algorithms in Context on Post-Quantum Cryptography**

Yalçın E., Nuriyeva F., Alkım E.

International Symposium in Graduate Researches on DataSciences, İzmir, Turkey, 02 December 2022, pp.237-243

VII. **Detecting critical nodes in adversary networks using particle swarm optimization**

Aygül Y., Uğurlu O., Nuriyeva F.

The 8th International Conference on Control and Optimization with Industrial Applications, Baku, Azerbaijan, 24 - 26 August 2022, pp.102-104

VIII. **Creating a Surveillance System to Detect License Plate of a Vehicle**

Hancı S., Nuriyeva F.

INTERNATIONAL CONFERENCE ON PROBLEMS OF LOGISTICS, MANAGEMENT AND OPERATION IN THE EAST-WEST TRANSPORT CORRIDOR (PLMO), 27 October 2021, pp.145-146

IX. **Novaya Model Chelochislennogo Lineynogo Programirovaniya dlya Zadachi Kommivoyajera**

Stetsyuk P., Nuriyev U., Nuriyeva F.

Mathematical Modelling, Optimization and Information Technologies, 15 November 2021

X. **Diagnosis of Thyroid Disease Using Artificial Neural Network**

Savcı E., Nuriyeva F.

II International Scientific Conference for the Information Systems and Technologies, 09 July 2020

- XI. **A New Approach for the School Bus Problem**  
Erdemci V., Nuriyeva F., Kurt M.  
II International Scientific Conference for the Information Systems and Technologies, 09 July 2020
- XII. **ON THE SOLUTION OF MULTIDIMENSIONAL INTEGER KNAPSACK PROBLEM WITH DYNAMIC PROGRAMMING TECHNIQUE**  
Nuri E., Nuriyeva F., Nuriyev U.  
7th International Conference on Control and Optimization with Industrial Applications (COIA), ELECTR NETWORK, 26 - 28 August 2020, pp.302-304
- XIII. **A Simple Iterative Algorithm for Boolean Knapsack Problem**  
Nuriyev U., Uğurlu O., Nuriyeva F.  
International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME), Antalya, Turkey, 20 - 22 April 2019, pp.684-689
- XIV. **A NEW SYSTEM DESIGN ON SHUTTLE PLANNING.**  
Erdemci V., Nuriyeva F., Kurt M.  
International Scientific Conference for the Information Systems and Technologies Achievements and Perspectives, Baku, Azerbaijan, 15 - 16 November 2018
- XV. **Kişiyeye Özgü Kısıtlar Bazında Öğrenci/Personel Servisi Planlama, Anlık Trafik Verilerine Göre Dinamik Rotalama, Fiyatlandırma Modeli**  
Erdemci V., Nuriyeva F.  
38. Yöneylem Araştırması ve Endüstri Mühendisliği Ulusal Kongresi (YAEM 2018), Eskişehir, Turkey, 26 - 29 June 2018, pp.1-2
- XVI. **Hierarchical Clustering Method for Travelling Salesman Problem**  
Nuriyev U., Nuriyeva F., Kızılateş G.  
3rd International Conference on Computational Mathematics and Engineering Sciences (CMES 2018), Girne, Cyprus (Kkct), 4 - 06 May 2018
- XVII. **Self-Organizing Iterative Algorithm for Travelling Salesman Problem**  
Nuriyev U., Uğurlu O., Nuriyeva F.  
18th International-Federation-of-Automatic-Control (IFAC) Conference on Technology, Culture and International Stability (TECIS), Baku, Azerbaijan, 13 - 15 September 2018, vol.51, pp.268-270
- XVIII. **A SIMPLE ALGORITHM FOR THE MULTI-DEPOT MULTIPLE TRAVELING SALESMAN PROBLEM**  
Nuriyev U., Uğurlu O., Nuriyeva F.  
6th International Conference on Control and Optimization with Industrial Applications (COIA), Baku, Azerbaijan, 11 - 13 July 2018, pp.235-237
- XIX. **On the Analysis of an Encryption Scheme**  
Nuriyeva F., Karatay M.  
Theoretical and Applied Aspects of Program Systems Development, Kyiv, Ukraine, 4 - 08 December 2017
- XX.  **$3n+1$  Problemi Üzerine**  
Nuriyeva F., Nuriyev U.  
30. Ulusal Matematik Sempozyumu, Ankara, Turkey, 6 - 09 September 2017, pp.53-54
- XXI. **An Algorithm for a Special Case of the Sequential Partially Covering Problem**  
Nuriyeva F.  
International Scientific Congress on "Theoretical and Application Problems of Mathematics, Baku, Azerbaijan, 25 - 26 May 2017
- XXII. **A New Method for Lossless Compression of Binary Images**  
Sadik T., Tanir D., Nuriyeva F.  
2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017
- XXIII. **On selecting the Initial Cluster Centers in the K-means Algorithm**  
Tanir D., Nuriyeva F.  
11th IEEE International Conference on Application of Information and Communication Technologies (AICT), Moscow, Russia, 20 - 22 September 2017, pp.131-135

- XXIV. **An Effective Method Determining the Initial Cluster Centers for K-means for Clustering Gene Expression Data**  
Tanir D., Nuriyeva F.  
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.751-754
- XXV. **On a New Number SystemYeni Bir Sayı Sistemi Üzerine**  
Nuriyev U., Nuriyeva F., Sadık T.  
International Conference on Computer Science and Engineering, Tekirdağ, Turkey, 20 - 23 October 2016, pp.825-827
- XXVI. **Petrol Ve Doğalgaz Platformlarının Denizde Optimal Yerleştirilmesi ve Birleştirilmesi Probleminin Matematiksel Modelleri Üzerine**  
Nuri E., Nuriyeva F.  
Yöneylem Araştırması ve Endüstri Mühendisliği (YAEM 2016) 36. Ulusal Kongresi, İzmir, Turkey, 13 - 15 July 2016, pp.15-16
- XXVII. **Asal Sayıların Gösterimi Üzerine**  
Nuri E., Uğurlu O., Nuriyeva F.  
11. Ankara Matematik Günleri, Ankara, Turkey, 26 - 27 May 2016, pp.49
- XXVIII. **On the Mathematical Model of the Sequential Partially Covering Problem**  
Nuriyeva F., Kutucu H., Gürsoy A., Kurt M., Nuriyev U.  
International Conference on Mathematics and Mathematics Education (ICMME 2016), Elazığ, Turkey, 12 - 14 May 2016, pp.395-397
- XXIX. **On a Mathematical Model of the Generalized Sequential Partially Covering Problem**  
Nuriyeva F.  
10th IEEE International Conference on Application of Information and Communication Technologies (AICT), Baku, Azerbaijan, 12 - 14 October 2016, pp.112-114
- XXX. **On a Solution of a Sequential Partially Covering Problem**  
Nuriyeva F.  
Proceedings of the 5th International Scientific Conference of Students and Young Scientists "Theoretical and Applied Aspects of Cybernetics, (TAAC 2015), Kyiv, Ukraine, 23 - 27 November 2015, pp.32-36
- XXXI. **Gezgin Satıcı Problemi için Merkezden Kenarlara Hipersezgisel Algoritması**  
Nuriyeva F., Kızılateş G.  
Yöneylem Araştırması ve Endüstri Mühendisliği (YAEM-2015) 35.Ulusal Kongresi, Ankara, Turkey, 9 - 11 September 2015, pp.203
- XXXII. **Heuristic Grid Method for Traveling Salesman Problem**  
Nuriyeva F., Gözde K.  
The 5th International Conference on Control and Optimization with Industrial Applications (COIA 2015), Baku, Azerbaijan, 27 - 29 August 2015, pp.150-153
- XXXIII. **A Mathematical Model of the Multicriteria Limited Bin Packing Problem with Fuzzy Qualities**  
Nuriyeva F., Nasiboğlu R., Tezel B. T.  
Caucasian Mathematics Conference, Tbilisi, Georgia, 5 - 06 September 2014
- XXXIV. **A Multicenter and Bidirectional Nearest Neighbour Algorithm for Travelling Salesman Problem**  
Nuriyeva F.  
Caucasian Mathematics Conference (CMC I), Tbilisi, Georgia, 5 - 06 September 2014, pp.143-144
- XXXV. **Tek Merkezli Çoklu Gezgin Satıcı Problemi için En Kısa Yol Tabanlı Yeni Bir Yöntem**  
Kızılateş G., Nuriyeva F.  
9. Ankara Matematik Günleri, Ankara, Turkey, 12 - 13 June 2014, pp.63
- XXXVI. **A Mathematical Model of Edge Connectivity Problem in Graphs**  
Nuriyeva F., Dinler Y.  
Karatekin Mathematic Days 2014, International Mathematics Symposium, Ankara, Turkey, 11 - 13 June 2014, pp.26
- XXXVII. **Approximate Minimization Algorithm for the 0 1 Knapsack Problem Based on Algebra of Fractions**  
Kırcalı Gürsoy N., Nuriyeva F.

Karatekin Mathematic Days 2014, International Mathematics Symposium, Çankırı, Turkey, 11 - 13 June 2014, pp.181

**XXXVIII. A Mathematical Model For Finding The Rainbow Connection Number...**

Nuriyeva F., Uğurlu O., Kutucu H.

7th Internatnal Conference on Application of Information and Communication Technologies, Baku, Azerbaijan, 23 - 25 October 2013

**XXXIX. A Two Parameter Hyperheuristic Method For The Traveling Salesman Problem**

Gözde K., Nuriyeva F.

The Global Reach of Industrial Engineering, İstanbul, Turkey, 26 - 28 June 2013, pp.242

**XL. On the Nearest Neighbour Algorithms for the Traveling Salesman Problem...**

Kızılateş G., Nuriyeva F.

The Third International Conference on Computational Engineering and Information Technology, Konya, Turkey, 7 - 09 June 2013

**XLI. On the Rainbow Vertex Connection Number of Graphs**

Uğurlu O., Nuriyeva F., Kutucu H.

International Conference on Applied Analysis and Mathematical Modelling (ICAAMM 2013), İstanbul, Turkey, 2 - 05 June 2013, pp.262

**XLII. Fibonacci Dizileri Yardımıyla  $\tan n$  a Değerini Hesaplayan Bir Formül**

Gökçel T., Nuriyeva F.

12. Matematik Sempozyumu, Ankara, Turkey, 23 - 25 May 2013, pp.354

**XLIII. A Parametric Algorithm for TSP Based on Greedy Heuristic**

Nuriyeva F., Kızılateş G.

Shevchenkivska Vesna, XI interdisciplinary conference of students, postgraduates and young scientists, Kyiv, Ukraine, 18 - 22 March 2013, pp.32-36

**XLIV. A New Hyperheuristic Algorithm for Solving Traveling Salesman Problem**

Nuriyeva F., Kızılateş G.

2nd World Conference on Soft Computing, Baku, Azerbaijan, 3 - 05 December 2012, pp.528-531

**XLV. A New Heuristic Algorithm for Rainbow Vertex Connection**

Uğurlu O., Nuriyeva F.

Proceedings of the 2nd International Scientific Conference of Students And Young Scientists, "Theoretical and Applied Aspects of Cybernetics, Kyiv, Ukraine, 12 - 15 November 2012, pp.82-84

**XLVI. A New Hybrid Heuristic Algorithm for Solving TSP**

Nuriyeva F., Kızılateş G.

8. Uluslararası İstatistik Günleri Sempozyumu, Eskişehir, Turkey, 11 - 13 October 2012, pp.281-282

**XLVII. Dikdörtgeni Karelerle Örtme**

Kurt M., Nuriyeva F.

11. Matematik Sempozyumu, Samsun, Turkey, 19 - 21 September 2012, pp.68-69

**XLVIII. İlginç Bir Çarpım Problemi ve Uygulaması**

Nuriyeva F., Kurt M.

11. Matematik Sempozyumu, Samsun, Turkey, 19 - 21 September 2012, pp.85

**XLIX. Experimental analysis of new heuristics for the TSP**

Nuriyeva F., Kızılateş G., Berberler M. E.

2012 IV International Conference "Problems of Cybernetics and Informatics", Baku, Azerbaijan, 12 - 14 September 2012, pp.64-68

**L. On the Easy Calculation Methods**

Nuriyeva F., Kurt M.

4th International Congress of Educational Research, İstanbul, Turkey, 4 - 07 May 2012, pp.11

**LI. New Heuristic Algorithms for Travelling Salesman Problem**

Nuriyeva F.

25th Conference of European Chapter on Combinatorial Optimization, (ECCO XXV), Antalya, Turkey, 26 - 28 April 2012



**LII. On Parallelization of Prime Factorization Algorithms**

Keskin S., Nuriyeva F., Nuriyev U.

The 4th Congress of the Turkic World Mathematical Society (TWMS), Baku, Azerbaijan, 1 - 03 July 2011, pp.335

**LIII. Tamsayıların Çarpanlara Ayrılması Algoritmaları üzerine**

Kutucu H., Nuriyeva F.

XXI. Ulusal Matematik Sempozyumu, İstanbul, Turkey, 1 - 04 September 2008, pp.44

**Metrics**

Publication: 91

Citation (WoS): 10

Citation (Scopus): 12

H-Index (WoS): 3

H-Index (Scopus): 2