

Prof. İMAN ASKERBEYLİ



Personal Information

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International Researcher IDs

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Education Information

Doctorate, Azerbaycan Bilimler Akademisi, Azerbaijan 1990 - 1995

Postgraduate, Lomonosov Moskova Devlet Üniversitesi, Russia 1983 - 1985

Undergraduate, Moskova M.V. Lomonosov Moskova Devlet Üniversitesi, Fizik Fakültesi,
Russia 1979 - 1983

Foreign Languages

Russian, B2 Upper Intermediate

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2007 - Continues

Professor, Azerbaycan Bilimler Akademisi, 2000 - 2007

Research Assistant, Moskova M.V. Lomonosov Moskova Devlet Üniversitesi, 1979 - 1985

Academic and Administrative Experience

Deputy Director of the Center, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2022 -
Continues

Head of Department, 2012 - Continues

Head of Department, 2007 - Continues

Courses

Sayısal yöntemler ve uygulamaları, Undergraduate, 2022 - 2023
Araştırma teknikleri, Undergraduate, 2021 - 2022
Sayısal yöntemler ve uygulamaları, Undergraduate, 2022 - 2023
Research Technique, Undergraduate, 2022 - 2023
Otomata teorisi, Undergraduate, 2021 - 2022
Research Technique, Undergraduate, 2021 - 2022
Sayısal yöntemler ve uygulamaları, Undergraduate, 2022 - 2023
Sayısal yöntemler, Postgraduate, 2022 - 2023
Hesaplama teorisi, Doctorate, 2021 - 2022

Advising Theses

Askerbeyli İ., BİLİMSEL MATERYALLER İÇİN SORU- CEVAP SOHBET ROBOTU TASARIMI VE UYGULAMASI GELİŞTİRİLMESİ, Postgraduate, H.HAKAN(Student), 2024
Askerbeyli İ., Analysis of network security using machine learning methods, Doctorate, M.SALATI(Student), 2024
Askerbeyli İ., Yazılım Tanımlı Ağlarda Hibrit Derin Öğrenme Yaklaşımları Kullanılarak Ağ Saldırı Tespit Sistemi, Doctorate, R.BEN(Student), 2024
Askerbeyli İ., Application of fuzzy logic and machine learning methods for food quality control, Doctorate, Z.Nasih(Student), 2023
Askerbeyli İ., Öz denetimli yöntemlerle görsel özellik ayrıştırma, Postgraduate, A.AKIN(Student), 2023
Askerbeyli İ., Bilgisayar oyunlarında makine öğrenmesi yöntemlerinin kullanılması, Postgraduate, H.OĞUZ(Student), 2022
Askerbeyli İ., Derin öğrenme ile covid-19, beyaz kan hücreleri, tüberküloz ve kalp krizi riskinin analizi, Doctorate, Ö.SEVİNÇ(Student), 2022
Askerbeyli İ., Bütçe ve zaman kısıtlı turist rotalama problemi, Postgraduate, İ.YILMAZ(Student), 2022
ASKERBEYLİ İ., Derin öğrenme yöntemleri kullanılarak giyilebilir sensörlerden kişi tanıma, Doctorate, Ş.KILIÇ(Student), 2021
ASKERBEYLİ İ., Sanal Para Pazarlarındaki Manipülatörlerin Makine Öğrenimi Yöntemleri Kullanılarak Tespiti, Doctorate, F.AKBA(Student), 2021
ASKERBEYLİ İ., Veri madenciliği teknikleri kullanarak suç analizi ve önleme, Postgraduate, S.SIENTCHANWA(Student), 2020
ASKERBEYLİ İ., Detection of subtle changes on moving objects with video magnification method and analysis with deep learning, Doctorate, A.ASIM(Student), 2020
ASKERBEYLİ İ., Fuzzy logic based control of Hvac systems, Postgraduate, E.KANSU(Student), 2018
ASKERBEYLİ İ., Akciğer hastalıkları teşhisinde sınıflandırma ve bulanık mantık yöntemlerinin uygulanması, Postgraduate, H.KAYA(Student), 2018
ASKERBEYLİ İ., Gıda kalitesi kontrolünde bulanık mantık yöntemlerinin uygulanması, Postgraduate, A.EMRE(Student), 2017
ASKERBEYLİ İ., A genetic algorithm for solving time-dependent orienteering problem, Postgraduate, M.BEHDADNIA(Student), 2016
TANRIÖVER Ö. Ö., ASKERBEYLİ İ., Yazılım proje riskleri için bir karar destek yöntemi ve yazılım prototipi, Postgraduate, S.VAHIDNIA(Student), 2016
ASKERBEYLİ İ., Arıza kaldırabilir yonga-üstü-ağlar için topoloji oluşturma, uygulama eşleme ve yönlendirme algoritmalarının tasarlanması, Postgraduate, V.BABAEI(Student), 2015
ASKERBEYLİ İ., Bulanık uzman sistemler kullanılarak tıpta hastalık teşhisi, Postgraduate, N.ZIASABOUNCHI(Student), 2014
ASKERBEYLİ İ., Bulanık mantık yöntemleri kullanılarak gazlı içeceklerde karbondioksit kontrolü, Postgraduate, J.S.ABDULJABAR(Student), 2011
ASKERBEYLİ İ., İletişim ağ problemlerinin çözümünde neuro- fuzzy yaklaşımı, Postgraduate, F.AYBİKE(Student), 2011
ASKERBEYLİ İ., Bulanık mantık kullanılarak trafik kontrolünün tasarımı ve uygulaması, Postgraduate, M.S.(Student), 2010

ASKERZADE İ., MAGNEZYUM DİBORİDE (MgB₂)' NİN KRİTİK SICAKLIĞININ İKİ BANTLI ELİASHBERG TEORİSİ İLE İNCELENMESİ, D.KANBUR(Student), 2007

ASKERZADE İ., MgB₂ tek kristali için kritik manyetik alanın iki bantlı anizotropik Ginzburg-Landau teorisi ile incelenmesi, H.ŞAHİN(Student), 2005

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ankara Üniversitesi, August, 2024

Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, May, 2024

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ankara Üniversitesi, May, 2024

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, İskenderun Teknik Üniversitesi, March, 2024

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ankara Üniversitesi, February, 2024

Doctorate, Doctorate, Ankara Üniversitesi, February, 2024

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ankara Üniversitesi, February, 2024

Doctorate, Doctorate, Ankara Üniversitesi, January, 2024

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ankara Üniversitesi, July, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, May, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Artvin Çoruh Üniversitesi, May, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ankara Üniversitesi, March, 2023

Doctorate, Doctorate, Ankara Üniversitesi, February, 2023

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2023

Post Graduate, Post Graduate, Ankara Üniversitesi, February, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, December, 2022

Post Graduate, Post Graduate, Ankara Üniversitesi, October, 2022

Post Graduate, Post Graduate, Ankara Üniversitesi, September, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ankara Üniversitesi, September, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Ankara Üniversitesi, August, 2022

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, August, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, August, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, July, 2022

Doctorate, Doctorate, Ankara Üniversitesi, July, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2022

Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, May, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ankara Üniversitesi, May, 2022

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ankara Üniversitesi, February, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, January, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ankara University, June, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Escape rate in small Josephson junctions with the Coulomb blockade**
ASKERBEYLİ İ.
Low Temperature Physics, vol.50, no.11, pp.962-964, 2024 (SCI-Expanded)
- II. **Influence of anharmonic and frustration effects on the Josephson flux qubit spectrum**
Askerbeyli İ.
LOW TEMPERATURE PHYSICS, vol.50, no.11, pp.1077-1081, 2024 (SCI-Expanded)
- III. **Convolutional neural network models using metaheuristic based feature selection method for intrusion detection Saldırı tespiti için metasezgisel tabanlı özellik seçim yöntemi kullanan evrişimli sinir ağı modelleri**
Salati M., ASKERBEYLİ İ., BOSTANCI G. E.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.40, no.1, pp.179-188, 2024 (SCI-Expanded)
- IV. **Escape rate in ac SQUID on josephson junction based on single- and multi-band superconductors in thermal activation regime**
Aydin A., Askerbeyli İ., Askerbeyli R.
LOW TEMPERATURE PHYSICS, vol.49, no.9, pp.1005-1008, 2023 (SCI-Expanded)
- V. **Discrete sine-Gordon equation on metric graphs: A simple model for Josephson junction networks**
Akramov M. E., Yusupov J. R., Askerbeyli İ., Matrasulov D. U.
PHYSICA SCRIPTA, vol.230105446, no.2301.05446, pp.1-7, 2023 (SCI-Expanded)
- VI. **Frustration Effect on Penetration Depth in Long Josephson Junctions Between Single- and Multi-band Superconductors**
Askerzade İ., Matrasulov D., Salati M.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.35, no.10, pp.2749-2754, 2022 (SCI-Expanded)
- VII. **Influence of anharmonic current-phase relation on the time resolution of Josephson balanced comparator**
Askerzade İ., Ulku I.
LOW TEMPERATURE PHYSICS, vol.48, no.9, pp.696-699, 2022 (SCI-Expanded)
- VIII. **Effect of unconventional current-phase relation of Josephson junction on escape rate in ac SQUID**
Askerzade İ., Askerbeyli R. T., ÜLKÜ İ.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, vol.598, 2022 (SCI-Expanded)
- IX. **An Effective Medical Image Classification: Transfer Learning Enhanced by Auto Encoder and Classified with SVM**
Sevinç Ö., Mehrubeoglu M., Güzel M. S., Askerzade İ.
TRAITEMENT DU SIGNAL, vol.39, no.1, pp.125-131, 2022 (SCI-Expanded)
- X. **Return current of dc SQUID based on tunnel Josephson junctions with unconventional current-phase relation**
ASKERBEYLİ İ., Askerbeyli R.
LOW TEMPERATURE PHYSICS, vol.47, no.5, pp.392-395, 2021 (SCI-Expanded)
- XI. **A New Approach for Human Recognition Through Wearable Sensor Signals**
Kilic S., Kaya Y., Askerbeyli İ.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.46, no.4, pp.4175-4189, 2021 (SCI-Expanded)

- XII. **Frustration effect on escape rate in Josephson junctions between single-band and three-band superconductors in the macroscopic quantum tunneling regime**
ASKERBEYLİ İ., AYDIN A.
LOW TEMPERATURE PHYSICS, vol.47, no.4, pp.282-286, 2021 (SCI-Expanded)
- XIII. **Estimation Model for Bread Quality Proficiency Using Fuzzy Weighted Relevance Vector Machine Classifier**
Ali Z. N., Askerbeyli İ., Abdulwahab S.
APPLIED BIONICS AND BIOMECHANICS, vol.2021, 2021 (SCI-Expanded)
- XIV. **Effect of Zn on thermoelectric power in superconducting $\text{Bi}_2\text{Sr}_2\text{Ca}_x\text{Zn}_{1-x}\text{Cu}_2\text{O}_{8+y}$ compounds**
Ragimov S., ASKERBEYLİ İ., Agaeva G.
Fizika Nizkikh Temperatur, vol.47, no.2, pp.120-125, 2021 (SCI-Expanded)
- XV. **Effect of Zn on thermoelectric power in superconducting $\text{Bi}_2\text{Sr}_2\text{Ca}_x\text{Zn}_{1-x}\text{Cu}_2\text{O}_{8+y}$ compounds**
Ragimov S. S., Askerzade İ., Agaeva G.
Low Temperature Physics, vol.47, no.2, pp.106-109, 2021 (SCI-Expanded)
- XVI. **Manipulator Detection in Cryptocurrency Markets Based on Forecasting Anomalies**
Akba F., Medeni İ. T., Güzel M. S., Askerbeyli İ.
IEEE ACCESS, vol.9, pp.108819-108831, 2021 (SCI-Expanded)
- XVII. **White Blood Cell Classification Using Genetic Algorithm\Enhanced Deep Convolutional Neural Networks**
ASKERBEYLİ İ., GÜZEL M. S., SEVİNÇ Ö., Mehrubeoglu M.
Transactions on Computational Science and Computational Intelligence", "Advances in Artificial Intelligence and Applied Cognitive Computing, 2021 (SCI-Expanded)
- XVIII. **Influence of Unconventional Current-Phase Relation on Return Current of Tunnel Josephson Junctions**
ASKERBEYLİ İ.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.33, no.11, pp.3407-3410, 2020 (SCI-Expanded)
- XIX. **Critical current of dc SQUID on Josephson junctions with unconventional current-phase relation**
ASKERBEYLİ İ., Askerbeyli R. T.
LOW TEMPERATURE PHYSICS, vol.46, no.9, pp.919-922, 2020 (SCI-Expanded)
- XX. **Escape rate in Josephson junctions between single -band and two -band superconductors**
Askerzade İ.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, vol.574, 2020 (SCI-Expanded)
- XXI. **Using ResNet Transfer Deep Learning Methods in Person Identification According to Physical Actions**
Kilic S., Askerbeyli İ., Kaya Y.
IEEE ACCESS, vol.8, pp.220364-220373, 2020 (SCI-Expanded)
- XXII. **A Novel Action Recognition Framework Based on Deep-Learning and Genetic Algorithms**
Yilmaz A. A., Güzel M. S., Bostancı G. E., Askerbeyli İ.
IEEE ACCESS, vol.8, pp.100631-100644, 2020 (SCI-Expanded)
- XXIII. **The Influence of Zn on Superconducting Properties of $\text{Bi}_2\text{Sr}_2\text{Ca}_1\text{Cu}_2\text{O}_x$**
Ragimov S. S., Askerzade İ., Agayeva G. I.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.10, pp.3033-3036, 2019 (SCI-Expanded)
- XXIV. **Effects of Thermal Fluctuations on Dynamics of Josephson Junction with Unconventional Current-Phase Relation**
Askerzade İ.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.10, pp.3149-3154, 2019 (SCI-Expanded)
- XXV. **Influence of unconventional current-phase relation of Josephson junction on the escape rate in macroscopic quantum tunneling regime**
Askerzade İ.
LOW TEMPERATURE PHYSICS, vol.45, no.10, pp.1072-1075, 2019 (SCI-Expanded)
- XXVI. **Effect of thermal fluctuations on dynamics of small Josephson junctions**

- Askerzade İ.
MODERN PHYSICS LETTERS B, vol.33, no.25, 2019 (SCI-Expanded)
- XXVII. **BCS Superconductivity of Dirac Electrons in Graphene Monolayer**
Askerbeyli R. T. T., Askerzade İ.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.7, pp.1871-1874, 2019 (SCI-Expanded)
- XXVIII. **Angular Dependence of the Critical Current Density in Two-Band Ginzburg-Landau Theory**
Askerzade İ., Guzel M. S.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.32, no.7, pp.1921-1926, 2019 (SCI-Expanded)
- XXIX. **Plasmon spectrum of graphene monolayer on substrate**
Askerzade İ., Askerbeyli R. T.
MODERN PHYSICS LETTERS B, vol.33, no.9, 2019 (SCI-Expanded)
- XXX. **The effect of electron density fluctuations on critical temperature in layered superconductors with arbitrary thickness of conducting layer**
Askerzade İ.
PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS, vol.547, pp.27-29, 2018 (SCI-Expanded)
- XXXI. **Oxygen Isotope Exponent as a Function of the Numbers of CuO₂ Layers in Optimally Doped Superconductors Bi₂Sr₂Ca Cu_{n-1} (n) O_{2n+4+delta} (n=1, 2, 3)**
Askerzade İ., Askerbeyli R. T. T.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.31, no.4, pp.1043-1046, 2018 (SCI-Expanded)
- XXXII. **The influence of thermal fluctuations on Coulomb blockade edge in small Josephson junctions with linear growing of voltage**
Askerzade İ.
LOW TEMPERATURE PHYSICS, vol.44, no.3, pp.210-212, 2018 (SCI-Expanded)
- XXXIII. **Anisotropy of Critical Current Density in LiFeAs Using Two-Band Ginzburg-Landau Theory**
Askerzade İ.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.30, no.6, pp.1655-1658, 2017 (SCI-Expanded)
- XXXIV. **Superconducting Quantum Bits**
Askerzade İ., BOZBEY A., Canturk M.
MODERN ASPECTS OF JOSEPHSON DYNAMICS AND SUPERCONDUCTIVITY ELECTRONICS, pp.119-142, 2017 (SCI-Expanded)
- XXXV. **Modern Aspects of Josephson Dynamics and Superconductivity Electronics Preface**
Askerzade İ., BOZBEY A., Canturk M.
MODERN ASPECTS OF JOSEPHSON DYNAMICS AND SUPERCONDUCTIVITY ELECTRONICS, 2017 (SCI-Expanded)
- XXXVI. **Analog Superconductivity Electronics**
ASKERBEYLİ İ., BOZBEY A., Canturk M.
MODERN ASPECTS OF JOSEPHSON DYNAMICS AND SUPERCONDUCTIVITY ELECTRONICS, pp.49-88, 2017 (SCI-Expanded)
- XXXVII. **Foundations of Josephson Junction Dynamics**
ASKERBEYLİ İ., BOZBEY A., Canturk M.
MODERN ASPECTS OF JOSEPHSON DYNAMICS AND SUPERCONDUCTIVITY ELECTRONICS, pp.1-48, 2017 (SCI-Expanded)
- XXXVIII. **Chaotic Phenomena in Josephson Systems**
Askerzade İ., BOZBEY A., Canturk M.
MODERN ASPECTS OF JOSEPHSON DYNAMICS AND SUPERCONDUCTIVITY ELECTRONICS, pp.143-172, 2017 (SCI-Expanded)
- XXXIX. **Digital Superconductivity Electronics**
ASKERBEYLİ İ., BOZBEY A., Canturk M.
MODERN ASPECTS OF JOSEPHSON DYNAMICS AND SUPERCONDUCTIVITY ELECTRONICS, pp.89-118, 2017 (SCI-Expanded)
- XL. **Dynamic properties of a Josephson junction balanced comparator with Coulomb blockade**
Askerzade İ.

- TECHNICAL PHYSICS, vol.61, no.9, pp.1427-1429, 2016 (SCI-Expanded)
- XLII. **Fluctuation conductivity in two-band superconductor $\text{SmFeAsO}_{0.8}\text{F}_{0.2}$**
Askerzade İ., Askerbeyli R. T. T.
MATERIALS SCIENCE-POLAND, vol.33, no.3, pp.644-648, 2015 (SCI-Expanded)
- XLIII. **Energy spectrum of a Josephson-junction qubit with an anharmonic current-phase relationship**
Askerzade İ., Hashimoglu I.
TECHNICAL PHYSICS, vol.60, no.9, pp.1402-1404, 2015 (SCI-Expanded)
- XLIII. **Thermodynamics of noninteracting bosonic gases in cubic optical lattices versus ideal homogeneous Bose gases**
Rakhimov A., Askerzade İ.
INTERNATIONAL JOURNAL OF MODERN PHYSICS B, vol.29, no.18, 2015 (SCI-Expanded)
- XLIV. **Effects of anharmonicity of current-phase relation in Josephson junctions**
Askerzade İ.
LOW TEMPERATURE PHYSICS, vol.41, no.4, pp.241-259, 2015 (SCI-Expanded)
- XLV. **Chaotic Dynamics of a Fractal Josephson Junction**
Canturk M., Askerzade İ.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.2, pp.303-307, 2015 (SCI-Expanded)
- XLVI. **Fluctuation of Diamagnetic Susceptibility in Two-band Superconductors**
Askerzade İ.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.28, no.2, pp.319-322, 2015 (SCI-Expanded)
- XLVII. **Vortex Lattice in LiFeAs Superconductor in the Two-Band Ginzburg-Landau Model**
Askerzade İ.
TECHNICAL PHYSICS, vol.59, no.11, pp.1728-1731, 2014 (SCI-Expanded)
- XLVIII. **Specific heat jump of two-band superconductor KFe_2As_2 using Ginzburg-Landau theory**
Askerzade İ.
MATERIALS SCIENCE-POLAND, vol.32, no.3, pp.465-469, 2014 (SCI-Expanded)
- XLIX. **Critical temperature of noninteracting bosonic gases in cubic optical lattices at arbitrary integer fillings**
Rakhimov A., Askerzade İ.
PHYSICAL REVIEW E, vol.90, no.3, 2014 (SCI-Expanded)
- L. **Time resolution of Josephson balanced comparators with shunt resistance**
ASKERBEYLİ İ.
Automatic Control and Computer Sciences, vol.48, no.4, pp.239-242, 2014 (SCI-Expanded)
- LI. **Temperature dependence of the anisotropy parameter of the LiFeAs upper critical field in the two-band Ginzburg-Landau theory**
Askerzade İ., Guclu N., Tagiyeva R. T.
TECHNICAL PHYSICS, vol.58, no.6, pp.888-891, 2013 (SCI-Expanded)
- LII. **Anisotropy Parameters of Critical Fields in LiFeAs Using Two-Band Ginzburg-Landau Theory**
Askerzade İ.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.5, pp.1903-1907, 2013 (SCI-Expanded)
- LIII. **Chaotic Dynamics of Externally Shunted Josephson Junction with Unharmonic CPR**
Canturk M., Askerzade İ.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.26, no.4, pp.839-843, 2013 (SCI-Expanded)
- LIV. **Dependence of critical temperature on carrier density in NdFeAsO_{1-y} using BCS theory**
Askerzade İ., Tagiyeva R. T., Guclu N.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.7, no.3-4, pp.276-278, 2013 (SCI-Expanded)
- LV. **Numerical Study of I-V Characteristics of Externally Shunted Josephson Junctions With Unharmonic Current-Phase Relation**
Canturk M., Askerzade İ.
IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, vol.22, no.6, 2012 (SCI-Expanded)

- LVI. **Angular effects on upper critical field in LiFeAs using two-band Ginzburg-Landau theory**
Askerzade İ., Tagiyeva (Askerbeyli) R. T.
SUPERCONDUCTOR SCIENCE & TECHNOLOGY, vol.25, no.9, 2012 (SCI-Expanded)
- LVII. **Preface**
Askerbeyli İ.
Springer Series in Materials Science, vol.153, 2012 (SCI-Expanded)
- LVIII. **Numerical simulation of the vortex dynamics in the two-band Ginzburg-Landau model**
Askerzade İ.
TECHNICAL PHYSICS, vol.57, no.1, pp.131-133, 2012 (SCI-Expanded)
- LIX. **Numerical Study of Josephson Junction Qubits With an Unharmonic Current-Phase Relation**
Canturk M., Askerzade İ.
IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY, vol.21, no.5, pp.3541-3547, 2011 (SCI-Expanded)
- LX. **Strong Solutions of the Fuzzy Linear Systems**
EMRAH Ş., Askerzade İ.
CMES-COMPUTER MODELING IN ENGINEERING & SCIENCES, vol.76, no.3-4, pp.207-216, 2011 (SCI-Expanded)
- LXI. **Splitting of the Energy Level of a Josephson-Junction Qubit with an Anharmonic Current-Phase Relation**
Askerzade İ.
TECHNICAL PHYSICS, vol.56, no.5, pp.744-746, 2011 (SCI-Expanded)
- LXII. **Critical current density of a YNiB₂C superconductor in the two-band Ginzburg-Landau model**
Askerzade İ., Hashimoglu I.
TECHNICAL PHYSICS, vol.56, no.4, pp.557-559, 2011 (SCI-Expanded)
- LXIII. **Fluctuation of Specific Heat in Two-Band Superconductors**
Askerzade İ.
JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM, vol.24, no.1-2, pp.275-278, 2011 (SCI-Expanded)
- LXIV. **Alternative numerical modeling of a superconducting charge qubit as an eigenvalue problem**
Canturk M., KURT E., Askerzade İ.
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- LXV. **Fuzzy Optimization of Multivariable Fuzzy Functions**
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Askerbeyli İ.
International Conference on Superconductivity and Magnetism, Muğla, Turkey, 27 April - 03 May 2024, pp.472
- V. **Travelling of sine-Gordon solitons in network of Josephson junction arrays**
Askerbeyli İ.
Modern Trends in Physics, Baku, Azerbaijan, 30 November - 01 December 2023, pp.1-2
- VI. **Frustrated dynamics of Josephson systems**
Askerbeyli İ.
Dynamic days in Central Asia and Caucasus, Buhoro, Uzbekistan, 1 - 04 October 2023, pp.1
- VII. **Attention-based CNN-BiSLTM deep learning approach for network intrusion detection system in software defined networks**

Ben Said R., Askerbeyli İ.

International conferences "Problems of Cybernetics and Informatics", Baku, Azerbaijan, 28 - 30 August 2023, pp.80-81

- VIII. **Modelling of Granular superconductor using long Josephson junction approach**
Askerbeyli İ.
International Conference on Superconductivity and Naqnetism, Muğla, Turkey, 4 - 11 May 2023, pp.1
- IX. **Influence of anharmonic and frustration effects on critical current**
Askerbeyli İ.
International Conference on Superconductivity and Magnetism, Muğla, Turkey, 4 - 11 May 2023, pp.1
- X. **Tunable transport of quasiparticles in low-dimensional superconducting networks quantum graphs based approach**
Matrasulov D., Askerbeyli İ., Akramov M.
International Conference on Superconductivity and Magnetism 2023, Muğla, Turkey, 4 - 11 May 2023, pp.372
- XI. **DISCRETE SINE-GORDON EQUATION ON METRIC GRAPHS: A SIMPLE MODEL FOR JOSEPHSON JUNCTION NETWORKS**
Akramov M., Yusupov J., Askerbeyli İ., Matrasulov D.
International Conference on Superconductivity and Magnetism 2023, Muğla, Turkey, 4 - 11 May 2023, pp.322
- XII. **Attention-Based CNN-BiLSTM Deep Learning Approach for Network Intrusion Detection System in Software Defined Networks**
Said R. B., Askerbeyli İ.
5th International Conference on Problems of Cybernetics and Informatics, PCI 2023, Baku, Azerbaijan, 28 - 30 August 2023
- XIII. **Quality estimation of wine data using improved crow search algorithm based fuzzy neural network**
Ali Z., ASKERBEYLİ İ., GÜZEL M. S.
8th World Conference on Soft Computing , SConSC-2022, Baku, Azerbaijan, 3 - 05 February 2022
- XIV. **Escape rate in ac SQUID on Josephson junction based on single-/two-band superconductor in thermal activation regime**
Askerbeyli İ., Salati M.
VIII International Conference Modern Problems of Physics, October 21-22, Dushanbe, Tacikistan , Dushanbe, Tajikistan, 21 - 22 October 2022, pp.1-5
- XV. **Effect of intergradient interaction on soliton state in two-band superconductors**
Askerbeyli İ.
VIII International Conference Modern Problems of Physics, October 21-22, Dushanbe, Tacikistan , Dushanbe, Tajikistan, 21 - 22 October 2022, pp.1-4
- XVI. **Influence of anharmonic and frustration effects on Josephson phase qubit characteristics**
Askerbeyli İ.
International Conference On Quantum Materials And Technologies-ICQMT2022, Muğla, Turkey, 16 - 22 October 2022, pp.1-8
- XVII. **Dynamical behavior of Josephson junction: anharmonic and frustration effects**
Askerbeyli İ.
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- XVIII. **Superconducting qubits**
Askerbeyli İ.
Summer school on Modern trends in quantum science and technologies: From quantum materials to quantum information, Baku, Azerbaijan, 22 September - 02 October 2022, pp.1-4
- XIX. **INTRUSION DETECTION OF INTERNET NETWORKS THROUGH DECISION TREE CLASSIFICATION**
Salati M., Askerbeyli İ., Güzel M. S., Bostancı G. E.
8th International Conference on Control and Optimization with industrial application, Baku, Azerbaijan, 24 - 26 August 2022, vol.1, pp.384-386
- XX. **RISK ANALYSIS OF AN INVESTMENT PROJECT USING DEEP LEARNING TECHNIQUES**
Özcan D., Askerbeyli İ., Bostancı G. E.

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- XXI. **A Novel Visual Attribute Disentanglement Approach using Self-Supervision Yeni Bir Öz-Denetimli Görsel Özellik Ayırıştırma Yöntemi**
Aktas A. A., Yalın Keleş H., Askerbeyli İ.
30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022
- XXII. **Dynamics of ac SQUID on Josephson junctions with unconventional current-phase relation**
ASKERBEYLİ İ.
7th International Conference Modern Trend in Physics, Baku, Azerbaijan, 15 December 2021
- XXIII. **Improving the Olive Oil Quality Assessment Using Feature Reduction Methods**
ASKERBEYLİ İ., Ali Z.
7. Uluslararası Öğrenci Sempozyumu International student symposium Samsun , 1-3 October, Samsun, Turkey, 01 October 2021
- XXIV. **Influence of anharmonic current-phase relation on the time resolution of Josephson balanced comparator**
ASKERBEYLİ İ.
7th International Conference on Superconductivity and Magnetism, 22-28 October 2021 Bodrum, Bodrum, Turkey, 22 October 2021
- XXV. **Deep Learning Using MobileNet for Personal Recognizing**
ASKERBEYLİ İ., KAYA Y., KILIÇ Ş.
The International Conference on Advanced Engineering, Technology and Applications (ICAETA-2021) July 09-10, 2021, Istanbul, Turkey, Istanbul, Turkey, 09 July 2021, pp.11-17
- XXVI. **Neuro-Evolution of Augmenting Topologies for Food Quality Assessment Using Artificial Neural Network**
ASKERBEYLİ İ., Ali Z.
International Congress of Engineering and Natural Sciences Studies (ICENSS 2021), held during May 07-09 2021, Ankara, Turkey, Ankara, Turkey, 07 May 2021, pp.59-71
- XXVII. **Budget and Time Constraint Tourist Routing Problem: A Genetic Algorithm Approach**
ASKERBEYLİ İ., Yılmaz I.
International Congress of Engineering and Natural Sciences Studies (ICENSS 2021), held during May 07-09 2021, Ankara, Turkey, Ankara, Turkey, 07 May 2021, pp.33-49
- XXVIII. **Frustration effect on critical current of low inductance DC SQUID on JJ based on two-band superconductors**
Karthi N., Hadsan Bugra Y., ASKERBEYLİ İ.
7th International Conference Modern Problems of Physics, Dushanbe, Tajikistan, 9 - 10 October 2020
- XXIX. **CURRENT-VOLTAGE CHARACTERISTIC OF JOSEPHSON JUNCTION WITH FRACTIONAL TERM IN CURRENT-PHASE RELATION**
ASKERBEYLİ İ.
ICONATR2020-Int Conference on Natural Science and Technology, Baku, 20 - 22 August 2020, vol.21, pp.87-90
- XXX. **INFLUENCE OF UNCONVENTIONAL CURRENT-PHASE RELATION ON CHAOTIC DYNAMICS OF JOSEPHSON JUNCTIONS**
ASKERBEYLİ İ.
ICONAT2020 International Conference on Natural Science and Technology, Baku, Azerbaijan, 20 - 22 August 2020, vol.21, pp.108-112
- XXXI. **A new tour planning approach using metaheuristic algorithms for Iran's provinces**
ASKERBEYLİ İ., GÜZEL M. S., Salati M.
The 7th International Conference on Control and Optimization with Industrial Applications, Baku, Azerbaijan, 26 - 28 August 2020, pp.356-358
- XXXII. **Crystal structure and thermoelectric properties of Ga_{0.5}In_{1.5}Se₃ solid solution**
Sevinc İ., Gehraman H., ASKERBEYLİ İ., Şerif I.

2nd International Ankara Conference on Scientific Research, Ankara, Turkey, 6 - 08 March 2020

XXXIII. Assessment of Iterative Semi-Supervised Feature Selection Learning for Sentiment Analyses: Digital Currency Markets

Akba F., MEDENİ İ. T., GÜZEL M. S., ASKERBEYLİ İ.

14th IEEE International Conference on Semantic Computing (ICSC), California, United States Of America, 3 - 05 February 2020, pp.459-463

XXXIV. Some aspects of using superconducting qubits in quantum computing

ASKERBEYLİ İ.

IV International Conference on Theoretical and Applied Computer Sciences and Engineering, Istanbul Turkey, 11 October - 12 November 2019, pp.35-38

XXXV. Estimates financial return with ANFIS method

Ozcan D., ASKERBEYLİ İ., BOSTANCI G. E.

IV Int Conference on Theoretical and Applied CS and engineering, 11 - 12 October 2019, pp.70-76

XXXVI. A New View on The Processing of Seismic Data With Artificial Neural Networks

Ağaoglu B., Ünal Z., GÜZEL M. S., BOSTANCI G. E., ASKERBEYLİ İ.

International Conference HORA, 5 - 07 July 2019

XXXVII. Josephson junction based on novel compounds for superconducting qubits

ASKERBEYLİ İ.

New Advances in quantum information Science and quantum technology, 10 - 18 September 2019

XXXVIII. Josephson junctions based on novel compounds for superconducting qubits

ASKERBEYLİ İ.

New Advances in quantum information Science and quantum technology, 10 September 2019 - 18 September 2018

XXXIX. Influence of thermal fluctuations on critical current of JJ with unconventional CPR

ASKERBEYLİ İ.

Modern Trends in Physics, 01-03 May 2019, Baku, 1 - 03 May 2019, pp.211-214

XL. Thermal Activation in small JJ

ASKERBEYLİ İ., ASKERBEYLİ R.

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XLI. A fuzzy Logic Control of Bread Quality

Onur B., ASKERBEYLİ İ.

Recent Advances in Mathematical and Engineering Sciences, 24-26 July, 2019, Lviv, Ukraine, 24 - 26 July 2019, pp.90-94

XLII. Using fuzzy logic in HVAC applications

Kansu E., ASKERBEYLİ İ.

Recent Advances in Mathematical and Engineering Sciences, Lviv, Ukraine, 24 - 26 July 2019, pp.84-89

XLIII. Comparison of Region Filling Algorithms Using Texture Synthesis Methodologies

Yilmaz A. A., GÜZEL M. S., Askerzade İ., BOSTANCI G. E.

6th International Conference on Electrical and Electronics Engineering (ICEEE), İstanbul, Turkey, 16 - 17 April 2019, pp.340-343

XLIV. INFLUENCE OF THERMAL FLUCTUATIONS ON CRITICAL CURRENT OF JOSEPHSON JUNCTION WITH UNCONVENTIONAL CURRENT-PHASE RELATION

Askerzade İ.

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XLV. THERMAL ACTIVATION IN SMALL JOSEPHSON JUNCTION

Askerzade İ., Askerbeyli R. T.

International Conference on Modern Trends in Physics, Baku, Azerbaijan, 1 - 03 May 2019, pp.215-218

XLVI. Social Media Analyze with SVM Classifier and PCA

SEVİNÇ Ö., GÜZEL M. S., ASKERBEYLİ İ., BOSTANCI G. E.

TMMOB Elektrik Mühendisleri Odası, Turkey, 30 November - 01 December 2018

XLVII. A Vehicle Detecti on Approach Using Deep Learning Methodologies

ASKERBEYLİ İ., GÜZEL M. S., BOSTANCI G. E., Yılmaz A. A.

II. International Conference on theoretical and applied computer science and engineering, Ankara, Turkey, 23 - 24 November 2018, pp.64-70

XLVIII. Comparison of the AlexNet based Face Recognition System with the State of the Art Methods

ASKERBEYLİ İ., GÜZEL M. S., BOSTANCI G. E., unal m., unal f. z., Nattharith P.

II. International Conference on theoretical and Applied Computer Science and Engineering, Ankara, Turkey, 23 - 24 November 2018, pp.2023

XLIX. Diagnosis of lung diseases using adaptive neuro-fuzzy inference system based on clustering methods

ASKERBEYLİ İ., Kaya H.

II. International Conference on Theoretical and Applied Computer Science and engineering, 29 - 30 June 2018

L. Fuzzy logic based control of HVAC systems for office areas

ASKERBEYLİ İ., Kansu E.

II. International Conference on Theoretical and Applied Computer Science and engineering, 29 - 30 June 2018

LI. BCS approach for Dirac superconductors

ASKERBEYLİ İ., ASKERBEYLİ R.

6th International Conference on Superconductivity and Magnetism, Antalya, Turkey, 29 April - 05 May 2018

LII. Field-angular dependence of the critical current density in LiFeAs in two-band Ginzburg-Landau theory

ASKERBEYLİ İ., GÜZEL M. S.

6th International Conference on Superconductivity and Magnetism, Antalya, Turkey, 29 April - 04 May 2018

LIIL. Quantum bits based on Josephson Junctions

ASKERBEYLİ İ.

Emerging trends in applications and multiphysics simulations in superconductivity, 22 - 24 February 2018

LIV. TWO-BAND GINZBURG-LANDAU EQUATIONS: NUMERICAL SIMULATIONS

Askerzade İ., Askerbeyli R. T.

6th International Conference on Control and Optimization with Industrial Applications (COIA), Baku, Azerbaijan, 11 - 13 July 2018, pp.98-100

LV. Anomaly Based Distributed Denial of Service Attack Detection and Prevention with Machine Learning

Dincalp U., GÜZEL M. S., SEVİNÇ Ö., BOSTANCI G. E., Askerzade İ.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Turkey, 19 - 21 October 2018, pp.600-603

LVI. A NEW DEEP LEARNING BASED SYSTEM FOR FACIAL GESTURE ANALYSIS

Soylu B. E., GÜZEL M. S., Askerzade İ.

6th International Conference on Control and Optimization with Industrial Applications (COIA), Baku, Azerbaijan, 11 - 13 July 2018, pp.361-363

LVII. Isotope Effect in Bi based high temperature superconductors

ASKERBEYLİ İ.

International Conference of Advanced Materials and Manufacturing Technologies, 25 - 27 October 2017

LVIII. Comparison of Genetic Algorithm and PSO Method for Optimization of Potential Fields Parameters

AJABSHIR V. B., CAN S., GÜZEL M. S., BOSTANCI G. E., ASKERBEYLİ İ.

International Conference on Theoretical and Applied Computer Science and Engineering (ICTACSE, 2017), Ankara, Turkey, 10 November - 11 December 2017

LIX. The effect of electron density fluctuations on critical temperature in layered superconductors with arbitrary thickness of conducting layer

ASKERBEYLİ İ., ASKERBEYLİ R.

International Turkish World Engineering and Science Congress, 7 - 10 December 2017

LX. Numerical modeling of two-band Ginzburg-Landau equations

ASKERBEYLİ İ.

Modern problems of Mathematics and Mechanics, 6 - 08 December 2017

LXI. DISCOVERING FUTURE TRENDS OVER SOCIAL MEDIA USING SVM CLASSIFIER

SEVİNÇ Ö., ASKERBEYLİ İ., GÜZEL M. S.

ICTACSE 2017, Ankara, Turkey, 10 - 11 November 2017

- LXII. **Pedestrian detection studies using picture telescope approach**
Yılmaz A. A., GÜZEL M. S., ASKERBEYLİ İ.
International Conference on Theoretical and Applied Computer Sciences and Engineering, 10 - 11 November 2017
- LXIII. **Comparision ogf Genetic Algorithm and PSO method for optimization of potential field parameters**
Ajabshir V., Can S., GÜZEL M. S., BOSTANCI G. E., ASKERBEYLİ İ.
International Conference on Theoretical and Applied Computer Science and Engineering, 10 - 11 November 2017
- LXIV. **Discovering the future of the social trends bu using social media tools**
SEVİNÇ Ö., GÜZEL M. S., ASKERBEYLİ İ.
Comeng 2017 İstanbul, İstanbul, Turkey, 28 - 30 August 2017
- LXV. **Fe based superconductors:multiband and anisotropy effects**
ASKERBEYLİ İ.
International Conference Modern Trends in Physics, 20 - 22 April 2017
- LXVI. **Josephson qubits for quantum computing**
ASKERBEYLİ İ.
Asia-Pacific Conference and Workshop on Quantum Information Science 2016, Baku, Azerbaijan, 4 - 09 December 2016
- LXVII. **Superconducting quantum bits**
ASKERBEYLİ İ.
INTERNATIÖNAL SYMPOSIUM "NEW TRENDS OF DEVELOPMENT FUNDAMENTAL AND APPLIED PHYSICS:
Tashkent, Uzbekistan, 10 - 11 November 2016
- LXVIII. **Süperiletkenlik teknolojileri**
ASKERBEYLİ İ.
International Conference on Science and Technology, Ankara, Turkey, 3 - 06 October 2016
- LXIX. **Chaotic behavior of fractal Josephson junctions and the influence of anharmonic current phase relation**
ASKERBEYLİ İ.
The third dynamics days in Central Asia, Astana, Kazakistan, 2 - 05 September 2016
- LXX. **Anisotropy of Critical Current Density in LiFeAs Using Two Band Ginzburg Landau Theory**
ASKERBEYLİ İ.
International Conference on Superconductivity and Magnetism, 2, 24 - 30 April 2016
- LXXI. **Dynamics of balanced comparators based on small Josephson junctions with Coulomb blockade**
ASKERBEYLİ İ., ASKERBEYLİ R.
9th International Conference of Modern Problems of Physics, Baku, Azerbaijan, 22 - 26 December 2015, pp.428-431
- LXXII. **Multiband and anisotropy effects in Fe based superconductors**
ASKERBEYLİ İ.
ICTP Summer School, Modern Trends in Theoretical Condensed Matter Physics, Khiva, Uzbekistan, 18 - 29 May 2015
- LXXIII. **Numerical Study of Vortex Nucleation in Two-Band Superconductors**
ASKERBEYLİ İ., Hashimoglu I.
4th International Conference on Problems of Cybernetics and Informatics (PCI), Baku, Azerbaijan, 12 - 14 September 2012
- LXXIV. **Design and Implementation of Intelligent Traffic Control by Using Fuzzy Logic**
ASKERBEYLİ İ.
1st International Fuzzy Systems Symposium, 2 - 04 January 2016, pp.52-59
- LXXV. **The influence of the carrier density on the critical temperature in layered superconductors**
Askerzade İ.
1st Regional Conference on Magnetic and Superconducting Materials (MSM-99), Tehran, Iran, 27 - 30 September 1999, pp.107-110

Supported Projects

Askerbeyli İ., TÜBİTAK International Bilateral Joint Cooperation Program Project, Dalı Süperiletken Malzemelerde Kuasiparçacıklar Ve Solitonların Dinamiği, 2022 - 2024

Askerbeyli İ., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Süperiletkenlik Araştırma Merkezi, 2015 - 2024

Askerbeyli İ., TUBITAK Project, Alışılmadık cereyan-faz bağıntısına sahip Josephson sistemlerinin dinamiği, 2018 - 2021

Askerbeyli İ., TUBITAK Project, RSFQ tabanlı entegre devre tasarım aracı ve aritmetik mantık birimi geliştirilmesi, 2013 - 2017

Askerbeyli İ., TUBITAK Project, Ferromanyetik tabanlı süperiletkenlerin teorik modellenmesi ve simülasyonu, 2011 - 2013

Askerbeyli İ., Samet R., NATO Supported Research Project, Fiber optical internet system for Azerbaijan Universities, 2010 - 2011

ASKERBEYLİ İ., Other International Funding Programs, Fluctuation effects in two-band superconductors, 2009 - 2011

Askerbeyli İ., Emrah Ş., Project Supported by Other Official Institutions, Dağıtım bir sıra tabanlı oyun yapay zekasının geliştirilmesi, 2008 - 2011

Askerbeyli İ., TUBITAK Project, Magnezyum diboride MgB₂ nin fiziksel özelliklerinin Eliashberg ve anizotropik Ginzburg-Landau teorisi kullanılarak analizi, 2005 - 2007

ASKERBEYLİ İ., Other International Funding Programs, Physical properties of two-band superconductor MgB₂ Ginzburg-Landau theory and AC losses calculation in framework critical model (NATO reintegration grant No 980766, 2004 - 2007

Askerbeyli İ., TUBITAK Project, Ginzburg-Landau teorisinin borokarbidlere uygulanması, 2001 - 2001

ASKERBEYLİ İ., Other International Funding Programs, Süperiletkenlik Ginzburg-Landau (GL) teorisi, 2000 - 2000

Activities in Scientific Journals

Karshi Multidisciplinary International Scientific Journal, Editor, 2023 - Continues

SUPERCONDUCTIVITY: FUNDAMENTAL AND APPLIED RESEARCH, Editor, 2023 - Continues

Physics and Space Research, Editor, 2023 - Continues

Advanced Physical Research, Editor, 2022 - Continues

Proceedings of the Institute of Applied Mathematics, Editor, 2022 - Continues

METALS, Special Issue Editor, 2022 - 2022

Memberships / Tasks in Scientific Organizations

Ankara Üniversitesi Süperiletkenlik Teknolojileri Araştırma Merkezi, Executive Board Member, 2015 - Continues, Turkey

Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ankara University, Turkey, July 2024

Problems of Information Technology, Other Indexed Journal, April 2024

SENSORS, Journal Indexed in SCI-E, March 2024

SYMMETRY, Journal Indexed in SCI-E, March 2024

INDIAN JOURNAL OF PHYSICS, SCI Journal, March 2024

CRYSTALS, Journal Indexed in SCI-E, February 2024

Linear discriminant analysis (LDA) to clarifying vacant land allocations of Baiturraman district in Banda Aceh city, Chapter Scientific / Professional Book Published by Renowned Publishing Houses, January 2024

CRYSTALS, SCI Journal, December 2023
IEEE ACCESS, SCI Journal, December 2023
APPLIED SCIENCES, SCI Journal, December 2023
EXPERT SYSTEMS WITH APPLICATIONS, SCI Journal, December 2023
Qeios, SCI Journal, November 2023
THE EUROPEAN RESEARCH JOURNAL, SCI Journal, October 2023
PHYSICA C: SUPERCONDUCTIVITY AND ITS APPLICATIONS, SCI Journal, October 2023
INDIAN JOURNAL OF PHYSICS, SCI Journal, September 2023
JOURNAL OF ELECTRONIC SCIENCE AND TECHNOLOGY, SCI Journal, August 2023
PROCEEDINGS (MDPI), SCI Journal, July 2023
Communications, National Scientific Refreed Journal, July 2023
PHYSICA C: SUPERCONDUCTIVITY AND ITS APPLICATIONS, SCI Journal, July 2023
MATERIALS SCIENCE & ENGINEERING B: SOLID-STATE MATERIALS FOR ADVANCED TECHNOLOGY, SCI Journal, July 2023
MODERN PHYSICS LETTERS B, SCI Journal, May 2023
SOLID STATE COMMUNICATIONS, SCI Journal, May 2023
PHYSICA C: SUPERCONDUCTIVITY AND ITS APPLICATIONS, SCI Journal, March 2023
MODERN PHYSICS LETTERS B, SCI Journal, February 2023
SENSORS, SCI Journal, January 2023
MODERN PHYSICS LETTERS B, SCI Journal, January 2023
CMES - COMPUTER MODELING IN ENGINEERING AND SCIENCES, SCI Journal, December 2022
International Journal of Thermodynamics , National Scientific Refreed Journal, December 2022
The European Physical Journal B, SCI Journal, December 2022
Technopark, Ankara University, Turkey, December 2022
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APPLIED SCIENCES, SCI Journal, November 2022
Technopark, Ankara University, Turkey, November 2022
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MODERN PHYSICS LETTERS B, SCI Journal, September 2022
INDIAN JOURNAL OF PHYSICS, SCI Journal, September 2022
Technopark, Ankara University, Turkey, September 2022
PHYSICA C: SUPERCONDUCTIVITY AND ITS APPLICATIONS, SCI Journal, August 2022
CRYSTALS, SCI Journal, July 2022
Technopark, Ankara University, Turkey, July 2022
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ankara University, Turkey, July 2022
PHYSICA A: STATISTICAL MECHANICS AND ITS APPLICATIONS, SCI Journal, May 2022
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ankara University, Turkey, April 2022
SENSORS, Journal Indexed in SCI-E, March 2022
CRYSTALS, SCI Journal, February 2022
SENSORS, Journal Indexed in SCI-E, January 2022
Journal of AI and Data Mining, SCI Journal, January 2022

Scientific Consultations

TÜBİTAK, Project Consultancy, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2023 - Continues

TUBİTAK, Project Consultancy, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2021 - 2024

TÜBİTAK, Project Consultancy, Ankara University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey, 2021 - 2023

Tasks In Event Organizations

Askerbeyli İ., IX International Scientific Conference "MODERN PROBLEMS OF PHYSICS", Scientific Congress, Dushanbe, Tajikistan, Ekim 2024

Askerbeyli İ., International Conference of Computer Science and Gravitation, Scientific Congress, Baku, Azerbaijan, Ağustos 2024

Askerbeyli İ., 9th International Conference on Superconductivity and Magnetism 2024, Scientific Congress, Turkey, Mayıs 2024

Askerbeyli İ., International Conference Computer Science and Gravitation 2024, Scientific Congress, Baku, Azerbaijan, Nisan 2024

Askerbeyli İ., VIII International Conference "MODERN PROBLEMS OF PHYSICS", Dushanbe, S.U.Umarov Physical-Technical Institute, October 21-22, 2022, Scientific Congress, Dushanbe, Tajikistan, Ekim 2022

Askerbeyli İ., International Conference On Quantum Materials And Technologies-ICQMT2022, Scientific Congress, Turkey, Ekim 2022

Askerbeyli İ., 5. International Conference on Theoretical and Applied Computer Science and Engineering 2022, Scientific Congress, Turkey, Ekim 2022

Askerbeyli İ., International Conference on Superconductivity and Magnetism, Scientific Congress, Turkey, Ekim 2021

Scientific Research / Working Group Memberships

Center Of Theoretical Physics Of Khazar University, Hazar Üniversitesi, Azerbaijan, khazar.org, 2023 - Continues

Süperiletkenlik Araştırma , Ankara University, Türkiye, <http://cesur.ankara.edu.tr/yonetim/mudur-yardimcilari/>, 2010 - Continues

Metrics

Publication: 245

Citation (WoS): 894

Citation (Scopus): 995

H-Index (WoS): 17

H-Index (Scopus): 17

Congress and Symposium Activities

International Conference Computer Science and Gravitation 2024, Invited Speaker, Baku, Azerbaijan, 2024

The 9th International Conference on Superconductivity and Magnetism 2024, Moderator, Muğla, Turkey, 2024

International Conference on Superconductivity and Magnetism, Session Moderator, Muğla, Turkey, 2023

International c. on Superconductivity and Magnetism, Invited Speaker, Muğla, Turkey, 2023

International Conference On Quantum Materials And Technologies-ICQMT2022, Invited Speaker, Manisa, Turkey, 2022

Scholarships

Physical properties of superconducting nonmagnetic borocarbides, NATO, 2004 - 2007

2221-Konuk veya Akademik İzinli (Sabbatical) Bilim İnsanı Destekleme Programı, NATO, 2006 - 2006

KONUK BİLİM ADAMI DESTEKLEME PROGRAMI - NATO D, NATO, 2002 - 2002

NATO postdoc, NATO, 2000 - 2001

Former Soviet Union, NATO, 2000 - 2000

visiting grant, Other International Organizations, 2000 - 2000

postdoc, Other International Organizations, 2000 - 2000

Awards

Askerbeyli İ., Fen bilimleri alanı Üniversite üçüncülüğü, Ankara Üniversitesi, January 2024

Askerbeyli İ., Bilim ödülü, Ankara Üniversitesi, January 2023

Askerbeyli İ., İman Novruz oğlu Askerzade, Physics Uspekhi, March 2022

Askerbeyli İ., akademik başarı ödülü, Ankara Üniversitesi Mühendislik Bölümü, January 2020

Askerbeyli İ., Fakülte akademik başarı ödülü, Ankara Üniversitesi, January 2020

Askerbeyli İ., associate membership, Ictp-Abdus Salam International Center For Theoretical Physics Unesco, July 2004

Visual Activities

Askerbeyli İ., Elme hesr olunmuş ömür, Journal Publishing, 2023 - 2023

Askerbeyli İ., Bakinskiy rabochiy, Newspaper Publishing, 2023 - 2023

Askerbeyli İ., Akademik Firudin Hashimzade, Journal Publishing, 2020 - 2020