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Education Information

Doctorate, Bakü Devlet Üniversitesi, Azerbaijan 2008 - 2013

Undergraduate, Bakü Devlet Üniversitesi, Applied Mathematics , Applied Mathematics , Azerbaijan 1990 - 1995

Foreign Languages

Azerbaijani, C2 Mastery

English, B2 Upper Intermediate

Italian, A2 Elementary

Russian, C2 Mastery

Research Areas

Social Sciences and Humanities

Published journal articles indexed by SCI, SSCI, and AHCI

I. Mathematical Modeling of Intellectual Capital and Business Efficiency of Small and Medium Enterprises

Strielkowski W., Guliyeva A., Rzayeva Ü., Korneeva E., Sherstobitova A.

MATHEMATICS, vol.9, no.18, 2021 (SCI-Expanded)

II. SOLUTION OF ONE PROBLEM ON OPTIMUM GAS WELL OPERATION CONTROL

Mamtiyev K., Aliyeva T., Rzayeva Ü.

ECONOMIC COMPUTATION AND ECONOMIC CYBERNETICS STUDIES AND RESEARCH, vol.54, no.4, pp.249-264, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. FINDING AND IMPLEMENTING THE NUMERICAL SOLUTION OF AN OPTIMAL CONTROL PROBLEM FOR OSCILLATIONS IN A COUPLED OBJECTS SYSTEM

Mamtiyev K., Rzayeva Ü.

Eastern-European Journal of Enterprise Technologies, vol.2, no.2-128, pp.64-74, 2024 (Scopus)

- II. DEVELOPMENT OF THE METHOD OF GENERAL INTERPOLATION FOR Z-NUMBER-VALUED IF-THEN RULES**
 Jabbarova K., Rzayeva Ü., Jabbarova A.
 Eastern-European Journal of Enterprise Technologies, vol.4, no.4(124), pp.19-26, 2023 (Scopus)
- III. Identifying the influence of the distance factor on the level of transaction costs at agricultural processing enterprises**
 Ibrahimov F., Balayev R., Rzayeva Ü.
 Eastern-European Journal of Enterprise Technologies, vol.5, no.4(125), pp.55-62, 2023 (Scopus)
- IV. NUMERICAL SOLUTION OF THE CONTROL PROBLEM ON THE DEPLETION OF GAS RESERVOIRS WITH WEAKLY PERMEABLE TOP**
 Mamtiyev K., Rzayeva Ü., Abdulova A.
 Eastern-European Journal of Enterprise Technologies, vol.2, no.6-122, pp.15-23, 2023 (Scopus)
- V. OPPORTUNITIES AND PERSPECTIVES OF THE DIGITAL TWINS' CONCEPTION: THE CASE IN AGRICULTURE**
 Ibrahimov F., Rzayeva Ü., Balayev R.
 Eastern-European Journal of Enterprise Technologies, vol.1, no.13(121), pp.102-112, 2023 (Scopus)
- VI. INVESTIGATION OF THE RELATIONSHIP BETWEEN THE DYNAMICS OF GDP AND ECONOMIC SENTIMENT INDEX**
 Huseynova A., Aliyeva T., Rzayeva Ü.
 Eastern-European Journal of Enterprise Technologies, vol.5, no.13-119, pp.60-72, 2022 (Scopus)
- VII. SOLUTION OF ONE OPTIMUM CONTROL PROBLEM REGARDING THE DEPLETION OF GAS RESERVOIR**
 Mamtiyev K., Aliyeva T., Rzayeva Ü.
 Eastern-European Journal of Enterprise Technologies, vol.1, no.4-115, pp.6-13, 2022 (Scopus)
- VIII. Solution to optimum gas well operation problem for developing countries**
 Mamtiyev K., Aliyeva T., Rzayeva Ü.
 INTERNATIONAL ENERGY JOURNAL, vol.21, pp.57-67, 2021 (ESCI)
- IX. Analysis Of One Class Of Optimal Control Problems For Distributed-Parameter Systems**
 Mamtiyev K., Aliyeva T., Rzayeva Ü.
 Eastern-European Journal of Enterprise Technologies, vol.5, no.4-113, pp.26-33, 2021 (Scopus)
- X. Impact of Information Technologies on HR Effectiveness: A Case of Azerbaijan**
 Guliyeva A., Rzayeva Ü., Abdulova A.
 INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS, no.2, pp.81-89, 2020 (ESCI)
- XI. The impact of worldwide governance indicators on renewable energy production in Caspian sea countries**
 Guliyeva A., Rzayeva Ü., Guliyeva G.
 INTERNATIONAL JOURNAL OF ENERGY, ENVIRONMENT AND ECONOMICS, vol.26, pp.97-114, 2020 (Scopus)
- XII. Global security and economic asymmetry: A comparison of developed and developing countries**
 Guliyeva A., Britchenko I., Rzayeva Ü.
 Journal of Security and Sustainability Issues, vol.7, no.4, pp.707-717, 2018 (Scopus)
- XIII. Threats to the country's sustainable economic development: A case study**
 Katina J., Sansyzbayeva G. N., Guliyeva A., Rzayeva Ü.
 Journal of Security and Sustainability Issues, vol.8, no.1, pp.113, 2018 (Scopus)
- XIV. The problem of functions' fuzzy interpolation within formal theory**
 Karimov A., Rzayeva Ü.
 INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND STATISTICS, vol.27, pp.124-133, 2012 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. Applying a Fuzzy-Set Approach to Assessing Capital Flight Management: Empirical Research from**

Azerbaijan

Rzayeva Ü., Mikayilova R.

15th International Conference on Application of Fuzzy Systems, Soft Computing and Artificial Intelligence Tools, ICAFS 2022, Budva, Montenegro, 26 - 27 August 2022, vol.610 LNNS, pp.669-676

II. Use of IT in Conducting the Statistical Study on the Impact of Inflation Targeting on Economic Growth

Rzayeva Ü., Abdulova A.

17th IEEE International Conference on Application of Information and Communication Technologies, AICT 2023, Baku, Azerbaijan, 18 - 20 October 2023

III. Assessing the Impact of Education on Economic Growth with the Help of Information Technology

Aliyeva T., Rzayeva Ü.

17th IEEE International Conference on Application of Information and Communication Technologies, AICT 2023, Baku, Azerbaijan, 18 - 20 October 2023

IV. Digital Twins in Agriculture as an Internet of Things Paradigm: The Case of Azerbaijan

Ibrahimov F., Rzayeva Ü., Balayev R.

8th International Congress on Information and Communication Technology, ICICT 2023, London, England, 20 - 23 February 2023, vol.694 LNNS, pp.321-328

V. The Role of Social Networks in Shaping up the Consumer Behavior of Young People

Rzayeva Ü., Grebennikova V. M., Us O. A., Malkov A. A.

Euro-Asian Symposium on Economic Theory, EASET 2022, Jekaterinburg, Russia, 29 - 30 June 2022, pp.199-212

VI. Economic Development Scenarios for Effective Organization Management in Post-COVID Conditions

Guliyeva A., Rzayeva Ü., Guliyeva A.

8th International Leadership Conference on Novel Insights in the Leadership in Business and Economics After the COVID-19 Pandemic, NILBEC 2022, Prague, Czech Republic, 24 - 25 June 2022, pp.25-37

VII. Application of Information Technologies for Solving Economic Problems: In-depth Analysis of Okun's Law for Azerbaijan

Strielkowski W., Guliyeva A., Rzayeva Ü., Jabbarova A.

16th IEEE International Conference on Application of Information and Communication Technologies, AICT 2022, Washington, United States Of America, 12 - 14 October 2022

VIII. Analysis of some indicators by means of fuzzy logic on the example of Azerbaijani energy enterprises

Rzayeva Ü., Guliyeva A., Jafarova N.

1st Conference on Traditional and Renewable Energy Sources: Perspectives and Paradigms for the 21st Century, TRESP 2021, Prague, Czech Republic, 22 - 23 January 2021, vol.250

IX. E-Education as a New Education Paradigm: Case of Azerbaijan

Aliyeva T., Rzayeva Ü.

13th IEEE International Conference on Application of Information and Communication Technologies (AICT), Baku, Azerbaijan, 23 - 25 October 2019, pp.307-311

X. About One Forecast Model of Stochastic Programming Based on Time Series and Genetic Algorithms

Kerimov A., Abdul-zade S., Azadova M., Aliyeva T., Huseynova R., Rzayeva Ü., Khalilova J.

4th International Conference on Problems of Cybernetics and Informatics (PCI), Baku, Azerbaijan, 12 - 14 September 2012

Metrics

Publication: 26

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