

## Assoc. Prof. Təranə Əliyeva

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AHH-5055-2022

ScopusID: 57212627131

### Research Areas

Information Systems, Communication and Control Engineering, Differential Equations, Dynamic Systems and Ergodic Theory, Integral Equations, Probability Theory, Stochastic Processes, Statistical Analysis and Applications

### Academic Titles / Tasks

Associate Professor, Azerbaijan State University of Economics (UNEC), Rəqəmsal İqtisadiyyat Fakültəsi, Rəqəmsal Texnologiyalar Və Tətbiqi İnformatika Kafedrası, 1996 - Continues

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

#### I. 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)

#### II. ABOUT ONE BIBLIOMETRIC METHOD AS A TOOL OF BIG DATA PARADIGM

Aliyeva T., Rzayeva U.

Proceedings of the International Conference on Control and Optimization with Industrial Applications, Vol II, vol.2, no.no, pp.71-73, 2018 (SSCI)

### Articles Published in Other Journals

#### I. 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)

#### II. 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)

#### III. Solution to Optimum Gas Well Operation Problem for Developing Countries

Mamtiyev K. K., Aliyeva T., Rzayeva U. S.

International Energy Journal, vol.21, no.1A, pp.57-67, 2021 (Peer-Reviewed Journal)

**IV. 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)

**V. APPLICATION OF METHODS OF DATA MINING IN THE EDUCATIONAL PROCESS**

Abbasov A., Aliyeva T.

6th International Conference on Control and Optimization with Industrial Applications (COIA) 2018, vol.1, pp.37-39, 2018 (Conference Book)

**VI. Ergodic distribution of a system resource**

Aliyeva T., Nasirova T.

Kibernetika i Sistemnyj Analiz, vol.40, pp.183-187, 2004 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

**I. 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

**II. 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

**III. Evident Form of the Laplace Transformation of the Distribution of the First Moment Reaching the Positive Delaying Screen with the Semi-Markovian Process**

Ibayev E., Aliyeva T., Aliyev T.

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

## **Metrics**

Publication: 12

Citation (Scopus): 9

H-Index (Scopus): 2