

SCOPUS

1. Feizullaev, B.K.
Modeling and Investigation of Nonstationary Pressure and Temperature Fields in a Deformable Formation During the Filtration of a Gas–Condensate Mixture
(2022) Journal of Engineering Physics and Thermophysics, 95 (4), pp. 860-866.
DOI: 10.1007/s10891-022-02554-3

2. Ramiz, A., Vuqar, S.
Assessment of the Effectiveness of Marketing Activities of Commercial Enterprises Using the Theory of Fuzzy Sets
(2022) Lecture Notes in Networks and Systems, 504 LNNS, pp. 135-141.
DOI: 10.1007/978-3-031-09173-5_18
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2022
CONFERENCE DATE: 19 July 2022 through 21 July 2022

3. Alekperov, R.
Using Fuzzy Z - Numbers When Processing Flexible Queries
(2022) Lecture Notes in Networks and Systems, 504 LNNS, pp. 435-444.
DOI: 10.1007/978-3-031-09173-5_52
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2022
CONFERENCE DATE: 19 July 2022 through 21 July 2022

4. Ramiz, A.
The Method of Ranking Business Processes on Weaknesses Based on the Theory of Fuzzy Sets
(2022) Lecture Notes in Networks and Systems, 504 LNNS, pp. 128-134.
DOI: 10.1007/978-3-031-09173-5_17
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2022
CONFERENCE DATE: 19 July 2022 through 21 July 2022

5. Imamguluyev, R., Suleymanov, A.
Prospects for the Development of Transport Logistics and a Fuzzy Logic Model of the Strategic Goals of the Logistics System of Azerbaijan
(2022) Lecture Notes in Networks and Systems, 505 LNNS, pp. 93-100.
DOI: 10.1007/978-3-031-09176-6_11
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2022
CONFERENCE DATE: 19 July 2022 through 21 July 2022

6. Imamguluyev, R., Mikayilova, R., Salahli, V.
Application of a Fuzzy Logic Model for Optimal Assessment of the Maintenance Factor Affecting Lighting in Interior Design
(2022) Lecture Notes on Data Engineering and Communications Technologies, 126, pp. 463-474.
DOI: 10.1007/978-981-19-2069-1_32

7. Salahli, V., Suleymanov, A.
Financial Performance Analysis with Intuitive Fuzzy Logic and Entropy-Based Multi-criteria Decision Making Method
(2022) Lecture Notes in Networks and Systems, 362 LNNS, pp. 711-718.
DOI: 10.1007/978-3-030-92127-9_94
CONFERENCE NAME: 11th International Conference on Theory and Applications Soft Computing, Computing with Words and Perceptions and Artificial Intelligence, ICSCCW 2021
CONFERENCE DATE: 23 August 2021 through 24 August 2021

8. Salahli, M.A., Gasimzade, T., Salahli, V., Alasgarova, F., Guliyev, A.
Use of Decision Tree and Fuzzy Logic Methods to Predict Academic Achievement of University Freshmen
(2022) Lecture Notes in Networks and Systems, 362 LNNS, pp. 156-164.
DOI: 10.1007/978-3-030-92127-9_24
CONFERENCE NAME: 11th International Conference on Theory and Applications Soft Computing, Computing with Words and Perceptions and Artificial Intelligence, ICSCCW 2021
CONFERENCE DATE: 23 August 2021 through 24 August 2021

9. Suleymanli, T.
Ranking Integration Factors Using Fuzzy TOPSIS Method
(2022) Lecture Notes in Networks and Systems, 362 LNNS, pp. 254-260.
DOI: 10.1007/978-3-030-92127-9_36
CONFERENCE NAME: 11th International Conference on Theory and Applications Soft Computing, Computing with Words and Perceptions and Artificial Intelligence, ICSCCW 2021
CONFERENCE DATE: 23 August 2021 through 24 August 2021

10. Abdullayev, T., Imamguluyev, R., Umarova, N.
Application of Fuzzy Logic Model for Optimal Solution of Light Reflection Value in Lighting Calculations
(2022) Lecture Notes in Networks and Systems, 362 LNNS, pp. 384-391.
DOI: 10.1007/978-3-030-92127-9_53
CONFERENCE NAME: 11th International Conference on Theory and Applications Soft Computing, Computing with Words and Perceptions and Artificial Intelligence, ICSCCW 2021
CONFERENCE DATE: 23 August 2021 through 24 August 2021

11. Aliyeva, A.
Predicting Stock Prices Using Random Forest and Logistic Regression Algorithms
(2022) Lecture Notes in Networks and Systems, 362 LNNS, pp. 95-101.
DOI: 10.1007/978-3-030-92127-9_16
CONFERENCE NAME: 11th International Conference on Theory and Applications Soft Computing, Computing with Words and Perceptions and Artificial Intelligence, ICSCCW 2021
CONFERENCE DATE: 23 August 2021 through 24 August 2021

12. Valiyev, A., Imamguluyev, R., Gahramanov, I.
Staff Selection with a Fuzzy Analytical Hierarchy Process in the Tourism Sector
(2022) Lecture Notes in Networks and Systems, 362 LNNS, pp. 437-444.
DOI: 10.1007/978-3-030-92127-9_59
CONFERENCE NAME: 11th International Conference on Theory and Applications Soft Computing, Computing with Words and Perceptions and Artificial Intelligence, ICSCCW 2021
CONFERENCE DATE: 23 August 2021 through 24 August 2021

13. Mikayilova, R., Alekperov, R.
Method for Diagnostics and Selection of the Type of Market Structure of Commodity Markets Based on Fuzzy Set Theory
(2022) Lecture Notes in Networks and Systems, 362 LNNS, pp. 732-740.
DOI: 10.1007/978-3-030-92127-9_97
CONFERENCE NAME: 11th International Conference on Theory and Applications Soft Computing, Computing with Words and Perceptions and Artificial Intelligence, ICSCCW 2021
CONFERENCE DATE: 23 August 2021 through 24 August 2021

14. Alekperov, R.
Development and Implementation of an Algorithm for Processing Fuzzy Queries to Relational Databases
(2022) Lecture Notes in Networks and Systems, 307, pp. 892-900.
DOI: 10.1007/978-3-030-85626-7_104
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2021
CONFERENCE DATE: 24 August 2021 through 26 August 2021

15. Mikayilova, R., Alekperov, R.
Determination of the Level of Development of Commodity Markets by Segmentation of Economic Regions Based on the Theory of Fuzzy Sets
(2022) Lecture Notes in Networks and Systems, 307, pp. 121-128.
DOI: 10.1007/978-3-030-85626-7_15
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2021

CONFERENCE DATE: 24 August 2021 through 26 August 2021

16. Imamguluyev, R., Umarova, N.
Application of Fuzzy Logic Apparatus to Solve the Problem of Spatial Selection in Architectural-Design Projects
(2022) Lecture Notes in Networks and Systems, 307, pp. 842-848.
DOI: 10.1007/978-3-030-85626-7_98
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2021
CONFERENCE DATE: 24 August 2021 through 26 August 2021

17. Elnur, M., Öztas, H., Kemale, M.
Application of Theoretical Aspects of Sociology and Psychology of Management in Economic Systems on the Basis of Fuzzy Logic
(2021) Advances in Intelligent Systems and Computing, 1306, pp. 459-466.
DOI: 10.1007/978-3-030-64058-3_57
CONFERENCE NAME: 14th International Conference on Applications of Fuzzy Systems, Soft Computing, and Artificial Intelligence Tools, ICAFS 2020
CONFERENCE DATE: 27 August 2020 through 28 August 2020

18. Veliyev, A., Abdullayev, T., Alekperov, R., Salahli, V.
Solution of the Retail Marketing Problem of Rational Choice of the Location of Trade Enterprises Using the Method of Hierarchy Analysis and Fuzzy Set Theory
(2021) Advances in Intelligent Systems and Computing, 1306, pp. 71-79.
DOI: 10.1007/978-3-030-64058-3_9
CONFERENCE NAME: 14th International Conference on Applications of Fuzzy Systems, Soft Computing, and Artificial Intelligence Tools, ICAFS 2020
CONFERENCE DATE: 27 August 2020 through 28 August 2020

19. Valiyev, A., Imamguluyev, R., Ilkin, G.
52365487600;57218311554;57447982600;
Application of Fuzzy Logic Model for Daylight Evaluation in Computer Aided Interior Design Areas
(2021) Advances in Intelligent Systems and Computing, 1306, pp. 715-722.
DOI: 10.1007/978-3-030-64058-3_89
CONFERENCE NAME: 14th International Conference on Applications of Fuzzy Systems, Soft Computing, and Artificial Intelligence Tools, ICAFS 2020
CONFERENCE DATE: 27 August 2020 through 28 August 2020

20. Imamguluyev, R., Suleymanli, T., Umarova, N.
Evaluation of the Effectiveness of Integration Processes in Production Enterprises Based on the Fuzzy Logic Model
(2021) Advances in Intelligent Systems and Computing, 1306, pp. 133-139.
DOI: 10.1007/978-3-030-64058-3_17

CONFERENCE NAME: 14th International Conference on Applications of Fuzzy Systems, Soft Computing, and Artificial Intelligence Tools, ICAFS 2020
CONFERENCE DATE: 27 August 2020 through 28 August 2020

21. Imamguluyev, R.
Application of Fuzzy Logic Model for Correct Lighting in Computer Aided Interior Design Areas
(2021) Advances in Intelligent Systems and Computing, 1197 AISC, pp. 1644-1651.
DOI: 10.1007/978-3-030-51156-2_192
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2020
CONFERENCE DATE: 21 July 2020 through 23 July 2020

22. Oglu, A.R.B., Oglu, S.V.M.
Estimation of Potential Locations of Trade Objects on the Basis of Fuzzy Set Theory
(2021) Advances in Intelligent Systems and Computing, 1197 AISC, pp. 228-237.
DOI: 10.1007/978-3-030-51156-2_28
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2020
CONFERENCE DATE: 21 July 2020 through 23 July 2020

23. Oglu, A.R.B., Kizi, I.I.T.
A Method for Forecasting the Demand for Pharmaceutical Products in a Distributed Pharmacy Network Based on an Integrated Approach Using Fuzzy Logic and Neural Networks
(2021) Advances in Intelligent Systems and Computing, 1197 AISC, pp. 998-1007.
DOI: 10.1007/978-3-030-51156-2_116
CONFERENCE NAME: International Conference on Intelligent and Fuzzy Systems, INFUS 2020
CONFERENCE DATE: 21 July 2020 through 23 July 2020

24. Rustamova, L.I., Kuliyeva, Z.M., Qilindjova, F.V., Isayeva, M.M., Akhundova, R.M.
The clinico-laboratory characteristic of mixed viral intestinal infections in children in Baku City
(2020) Siberian Journal of Life Sciences and Agriculture, 12 (5), pp. 32-41.
DOI: 10.12731/2658-6649-2020-12-5-32-41

25. Namig, T.S.
Evaluation of efficacy of integration processes at the manufacturing enterprises of industry sector on the regions of a country
(2020) Advances in Intelligent Systems and Computing, 1095 AISC, pp. 284-291.
DOI: 10.1007/978-3-030-35249-3_36
CONFERENCE NAME: 10th International Conference on Theory and Applications of Soft Computing, Computing with Words and Perceptions, ICSCCW 2019
CONFERENCE DATE: 27 August 2019 through 28 August 2019

26. Khashman, A., Ahmed, W., Mammadli, S.
Banknote issuing country identification using image processing and neural networks
(2019) *Advances in Intelligent Systems and Computing*, 896, pp. 746-753.
DOI: 10.1007/978-3-030-04164-9_98
CONFERENCE NAME: 13th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2018
CONFERENCE DATE: 27 August 2018 through 28 August 2018
27. Balashirin, A.R., Akbar, I.K.
Neural network modeling and estimation of the effectiveness of the financing policy impact on the socio-economic development of the socio-educational system
(2019) *Advances in Intelligent Systems and Computing*, 896, pp. 754-759.
DOI: 10.1007/978-3-030-04164-9_99
CONFERENCE NAME: 13th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2018
CONFERENCE DATE: 27 August 2018 through 28 August 2018
28. Balashirin, A.R., Tarlan, I.I.
Application of neural networks for segmentation of catering services market within the overall system of consumer market on the model of restaurant business with the aim to advance the efficiency of marketing policy
(2019) *Advances in Intelligent Systems and Computing*, 896, pp. 905-913.
DOI: 10.1007/978-3-030-04164-9_120
CONFERENCE NAME: 13th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2018
CONFERENCE DATE: 27 August 2018 through 28 August 2018
29. Olğar, H., Muhtarov, F.S., Mukhtarov, O.S.
Lower bound estimation for eigenvalues for many interval BVP's with eigenparameter dependent boundary conditions
(2018) *AIP Conference Proceedings*, 1997, art. no. 020037, .
DOI: 10.1063/1.5049031
SPONSORS: Institute of Mathematics and Mathematical Modeling; Near East University
CONFERENCE NAME: 4th International Conference on Analysis and Applied Mathematics, ICAAM 2018
CONFERENCE DATE: 6 September 2018 through 9 September 2018
30. Museibov, E.A., Aliev, M.H.
Microbiological complications in the urinary tract on the background of diabetes mellitus after removing of kidney stones
(2018) *Azerbaijan Medical Journal*, 2018 (4), pp. 78-83.
31. Aydemir, K., Olğar, H., Mukhtarov, O.S., Muhtarov, F.

Differential operator equations with interface conditions in modified direct sum spaces
(2018) Filomat, 32 (3), pp. 921-931.
DOI: 10.2298/FIL1803921A

32. Suleyman, K.K., Bilal, N.K., Samad, T.A., Murshud, A.R.
Analyze of results of implementation of fuzzy-queries and mathematical structure of the relational database in corporate information systems
(2017) Application of Information and Communication Technologies, AICT 2016 - Conference Proceedings, art. no. 7991777, .
DOI: 10.1109/ICAICT.2016.7991777
CONFERENCE NAME: 10th IEEE International Conference on Application of Information and Communication Technologies, AICT 2016
CONFERENCE DATE: 12 October 2016 through 14 October 2016

33. Valiev, A.A., Abdullayev, T.S., Alizadeh, A.V., Adilova, N.E.
Comparison of measures of specificity of Z-numbers
(2017) Procedia Computer Science, 120, pp. 466-472.
DOI: 10.1016/j.procs.2017.11.265
CONFERENCE NAME: 9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, ICSCCW 2017
CONFERENCE DATE: 22 August 2017 through 23 August 2017

34. Mammadli, S.
Analysis of chaos and nonlinearities in a foreign exchange market
(2017) Procedia Computer Science, 120, pp. 901-907.
DOI: 10.1016/j.procs.2017.11.324
CONFERENCE NAME: 9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, ICSCCW 2017
CONFERENCE DATE: 22 August 2017 through 23 August 2017

35. Mammadli, S.
Financial time series prediction using artificial neural network based on Levenberg-Marquardt algorithm
(2017) Procedia Computer Science, 120, pp. 602-607.
DOI: 10.1016/j.procs.2017.11.285:
CONFERENCE NAME: 9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, ICSCCW 2017
CONFERENCE DATE: 22 August 2017 through 23 August 2017

36. Mammadov, F.Y., Erdogan, I.
Study microbiocenosis saliva and gingival fluid on the background of somatic pathology
(2016) Azerbaijan Medical Journal, (3), pp. 63-67.

37. Kilic, K., Abdullayev, T., Alakbarov, R., Kilic, N.

Processing of Fuzzy Queries and Software Implementation to a Relational Database of Wholesale and Retail Commercial Enterprises

(2016) Procedia Computer Science, 102, pp. 490-494.

DOI: 10.1016/j.procs.2016.09.432

CONFERENCE NAME: 12th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2016

CONFERENCE DATE: 29 August 2016 through 30 August 2016

38. Mammadli, S.

Fuzzy Logic Based Loan Evaluation System

(2016) Procedia Computer Science, 102, pp. 495-499.

DOI: 10.1016/j.procs.2016.09.433

CONFERENCE NAME: 12th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2016

CONFERENCE DATE: 29 August 2016 through 30 August 2016

39. Imanov, G., Akbarov, R., Aslanov, Z.

Fuzzy Analysis of National Innovation Development

(2016) Procedia Computer Science, 102, pp. 289-293.

DOI: 10.1016/j.procs.2016.09.403

CONFERENCE NAME: 12th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2016

CONFERENCE DATE: 29 August 2016 through 30 August 2016

40. Khashman, A., Khashman, Z., Mammadli, S.

Arbitration of Turkish Agricultural Policy Impact on CO2 Emission Levels Using Neural Networks

(2016) Procedia Computer Science, 102, pp. 583-587.

DOI: 10.1016/j.procs.2016.09.446

CONFERENCE NAME: 12th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2016

CONFERENCE DATE: 29 August 2016 through 30 August 2016

41. Abdullayev, T., Umarova, N., Jamalov, Z., Alekperov, A.

Fuzzy Logic and Lexicological Support of the Creation of Terminological Dictionary of Intermediate Language in Bilingual Education

(2016) Procedia Computer Science, 102, pp. 390-397.

DOI: 10.1016/j.procs.2016.09.417

CONFERENCE NAME: 12th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2016

CONFERENCE DATE: 29 August 2016 through 30 August 2016

42. Rzaev, R., Agaev, F., Agamaliyev, M.

Fuzzy approach to overcoming of semantic uncertainty in criterion concepts of a procedural law

(2014) Journal of Next Generation Information Technology, 5 (4), pp. 11-25.

43. Sofiyev, A.H., Alizada, A.N., Akin, Ö., Valiyev, A., Avcar, M., Adiguzel, S.
On the stability of FGM shells subjected to combined loads with different edge conditions and resting on elastic foundations
(2012) Acta Mechanica, 223 (1), pp. 189-204.
DOI: 10.1007/s00707-011-0548-1

44. Azizov, R.F.
Bacteriological factor in the etiology of inflammatory paradontosis
(2010) Azerbaijan Medical Journal, (1), pp. 79-83.

45. Sofiyev, A.H., Valiyev, A., Ozyigit, P.
The buckling of non-homogeneous truncated conical shells under a lateral pressure and resting on a winkler foundation
(2009) Journal of Solid Mechanics, 1 (1), pp. 14-21.

46. Pashayeva, E.E.
Spectral analysis of family of singular non-self-adjoint differential operators of even order
(2008) Journal of Mathematical Analysis and Applications, 339 (1), pp. 85-97.
DOI: 10.1016/j.jmaa.2007.06.039

47. Akhundov, I.A.
Correction of immune and blood clotting systems changes in the dynamics of anaphylactic shock
(2007) Azerbaijan Medical Journal, (3), pp. 18-20.