

1. Публикации в изданиях индексируемых в БД Scopus и Web of Science:

1. Bykov, A.; **Grecheneva, A.**; Kuzichkin, O.; Surzhik, D.; Vasilyev, G.; Yerbayev, Y. Mathematical Description and Laboratory Study of Electrophysical Methods of Localization of Geodeformational Changes during the Control of the Railway Roadbed. Mathematics 2021, 9, 3164. <https://doi.org/10.3390/math9243164> (Scopus -Q2, WoS – Q1);

2. Dorofeev, N.V., Pankina, E.S. The determination of requirements for metrological parameters of geotechnical monitoring systems based on the bifurcation approach Journal of Physics: Conference Series 1728 (2021) 012028 DOI: 10.1088 / 1742-6596/1728/1/012028

3. Dorofeev N.V., Pankina E.S., **Grecheneva A.V.**, Romanov R.V. Modeling and bifurcation analysis of the stability of a geotechnical system under the influence of vibration factors. Automation of control processes. 2020. No. 3 (61). S. 92-100.

4. Dorofeev N.V., **Grecheneva AV**, Pankina E.S., Romanov R.V. Information processing of data on the dynamics of the level of river waters during monitoring of the stability of the geotechnical system Technosphere safety technologies № 3 (89). S. 110-120. 2020

5. Pankina ES, **Grecheneva AV**, Dorofeev NV, Romanov RV, Adaptive processing of heterogeneous geotechnical monitoring data, Bulletin of the Tula State University. Technical science. No. 7. P. 226-236. Feb 2020

5. **Grecheneva AV**, Dorofeev NV, Pankina ES, Assessment of the transformation of the geotechnical system during the bifurcation period on the example of information processing of hydrogeological data Izvestiya of the Tula State University. Technical science. No. 10. P. 148-153

6. **Grecheneva A.V.**, Kuzichkin, O.R., Romanov, R.V., Dorofeev, N.V., Vasilyev, G.S. Hydrogeological monitoring of karst activity based on regime observations in the territory of karst lakes JOURNAL OF WATER AND LAND DEVELOPMENT Institute of Technology and Life Sciences (ITP) 2021, No. 48 (I – III): 130–140; <https://doi.org/10.24425/jwld.2021.136156> (Q2)

7. **Grecheneva A.V.**, Dorofeev, N.V., Pankina, E.S. Modeling of the complex ground Base-Foundation Construction External Influences taking into account the cyclic technogenic vibrational loads IOP Conference Series: Materials Science and Engineering DOI: 10.1088 / 1757-899X / 962/2/022048

8. **Grecheneva A.V.**, Dorofeev, N.V., Romanov, R.V., Pankina, E.S. Algorithm for predicting of the transition of a key point of geodynamic control to the risk zone IOP Conference Series: Earth and Environmental Sciencethis DOI: 10.1088 / 1755-1315/548/5/052068 2020

10. Kuzichkin O.R., Vasilyev G.S., **Grecheneva A.V.**, Romanov R.V., Dorofeev N.V. The organization of control over non-centralized water supply under the risk of groundwater dynamics disturbance in karst areas Journal of Water and Land Development. 2020.Vol. 47.No. 1.P. 113-124. (Q2)

11. **Grecheneva A. V.**, Dorofeev N .; Romanov R .; Pankina E. The assessment of critical vibration values of the construction based on the application of the bifurcation approach in automated geotechnical control systems IOP Conference Series: Materials Science and Engineering 890 (2020) 012074 2 - s2.0 - 85090323064 2020

12. **Grecheneva A.V.**, Kovalenko A.O .; Dorofeev N. Y; Kuzichkin O.R .; Romanov R.V. Research of a system for identifying traffic flow parameters based on a vibro - acoustic control method Journal of Advanced Research in Dynamical and Control Systems Volume 11 | 08-Special Issue Pages: 2872-2879 2019

13. **Grecheneva A.V.**, Dorofeev N.V .; The assessment of gait features according to the data of a portable acceleration sensor in an intelligent monitoring system IOP Conf. Series: Materials Science and Engineering 873 (2020) 012017 DOI: 10.1088 / 1757-899x / 873/1/012017

14. **Grecheneva A. V.**, Dorofeev N. V.; Romanov R.V .; Pankina E. S. The selection of parameters and control points in the geotechnical monitoring system IOP Conference Series: Materials Science and Engineering 873: 012030 DOI: 10.1109 / WECONF48837.2020.9131474 2 - s2.0 - 85089469396

15. Dorofeev N.V. ; **Grecheneva A.V.**, Pankina E.S. The automation of the control of transient process in geotechnical systems 2020 Wave Electronics and its Application in Information and Telecommunication Systems. WECONF 2020 2 - s2.0 - 85088578507 2020
16. Kuzichkin O.R. ; Eremenko V.T. ; **Grecheneva A.V.**, Loginov I.V. ; Eremenko A.V. ; Dorofeev N.V. Information processing in info - communication media of geodynamic monitoring on the basis of adaptive queuing system Bulletin of Electrical Engineering and Informatics Volume: 9 Number: 3 Year: 2020 Pages: 1251-1259 2-s2.0 -85083108108 2020
17. Kuzichkin O.R. ; Vasilyev G. S. ; **Grecheneva A. V.**, Mikhaleva E. V.; Baknin M. D. ; Surzhik D.I. Application of phase - metric compensation method for geoelectric control of near - surface geodynamic processes Bulletin of Electrical Engineering and Informatics Vol.9, No.3, June2020, pp. 898 ~ 905 2020
18. **Grecheneva A.V.**, Dorofeev N.V. ; Romanov R.V. ; Pankina E.S. Improving the reliability of the results of automated forecasting of emissions in geotechnical systems based on the bifurcation approach IOP Conference Series: Materials Science and Engineering 2 - s2.0 - 85086337646 2020
19. Romanov R.V. ; **Grecheneva A. V.**, Kuzichkin O. R. ; Dorofeev N.V. ; The Assessment of the Influence of the Hydrogeological Regime of Rivers on the Conditions of the Decentralized Water Supply in Karst Areas IOP Conference Series: Earth and Environmental Science 2020 2 - s2.0 - 85083690975
20. **Grecheneva A. V.**, Kuzichkin O. R. ; Kovalenko A.O. ; Kurilov I. A. The Algorithm for Solution of the Inverse Task of the Inclinomeric Control during Geotechnical Monitoring of the Foundation of Building IOP Conference Series: Materials Science and Engineering 2020 2-s2.0-85082068021
21. Surzhik D.I. ; Kuzichkin O. R. **Grecheneva A.V.**, Using Method Frequency Scanning Based on Direct Digital Synthesizers for Geotechnical Monitoring of Buildings Lecture Notes in Electrical Engineering In book: Advances in Automation (pp. 253-261) 2-s2.0 -85081375015 2020
22. Dorofeev N.V., Romanov R.V., **Grecheneva A.V.** A. A. Bykov Information technologies in the field of monitoring the sanitary - technical state of water supply systems In the collection: Environmental monitoring of hazardous industrial facilities: modern achievements, prospects and ensuring the environmental safety of the population. collection of scientific papers based on the materials of the All-Russian scientific-practical conference. 2019.S. 225-228.
23. **Grecheneva A.V.** Dorofeev N.V., Klimovich M.A. Application of algorithms for intelligent data processing in rehabilitation biomechanical systems Algorithms, methods and systems for data processing. 2019. No. 2 (40). S. 20-26.
24. **Grecheneva A. V.**, Kuzichkin O. R. ; Kovalenko A.O. ; Dorofeev N.V. ; Romanov R.V. Estimation of the phase error of goniometric control based on the accelerometric transducers Journal of Advanced Research in Dynamical and Control Systems Volume 11 | 08-Special Issue Pages: 2821-2826 2-s2.0 -85077910448 2019
25. Kuzichkin O.R. ; Eremenko V.T. ; **Grecheneva A.V.**, Loginov I.V. ; Eremenko A.V. ; Dorofeev N.V. The model of the information interaction in the distributed system of the geodynamic monitoring based on the theory of semi - markov processes Journal of Advanced Research in Dynamical and Control Systems Volume 11 | 08-Special Issue Pages: 2101-2109 2 - s2.0 - 85076104569 2019
26. Kuzichkin O.R. ; **Grecheneva A.V.**, Eremenko V.T. ; Loginov I.V.; Eremenko A.V. ; Obozov A. A Application of the multi criterial ranking method for the integration of a regional GIS into a geotechnical monitoring system Journal of Advanced Research in Dynamical and Control Systems Volume 11 | 08-Special Issue Pages: 698-708 2 - s2.0 - 85070932367 2019
27. **Grecheneva A. V.**, Dorofeev. N. V; Kuzichkin, O. R. Principles of Constructing of Intellectual Systems for the Diagnostics and the Rehabilitation of the Human Spine Procedia Computer Science 150: 270-278 WOS: 000560432200034
28. **Grecheneva A. V.**, Kuzichkin, O. R. ; Romanov, R., V; Dorofeev, N., V ORGANIZATION AND APPLICATION OF INFORMATION AND ANALYTICAL SUPPORT

29. Kuzichkin, O. R. ; **Grecheneva A. V.**, Dorofeev, N., V; Surzhik, D., I; Baknin, M. D. ; Mikhaleva, E. S. EVALUATION OF THE ACCURACY OF THE PHASE METRIC METHOD OF GONIOMETRIC CONTROL IN GEOTECHNICAL MONITORING IIOAB JOURNAL | Vol. 11 | 1 | 27-32 | WOS: 000513644500007 2020

30. Romanov, R. V; **Grecheneva A. V.**, Kuzichkin, O. R. ; Dorofeev, N. V; Mikhaleva, E. S. ; Surzhik, D. I. ASSESSMENT OF THE GEODYNAMIC SENSITIVITY OF THE METHOD OF EXPRESS CONTROL OF GROUNDWATER QUALITY IIOAB JOURNAL | Vol. 11 | 1 | 33-39 | WOS: 000513644500008 2020

31. Kuzichkin, O. R. ; **Grecheneva A. V.**, Bykov, A. A. ; Surzhik, D., I; Dorofeev, N., V; Baknin, M. D. ; THE STUDY OF THE SEISMOELECTRIC METHOD FOR THE LOCALIZATION OF GEODEFORMATIONAL CHANGES IN THE CONTROL OF THE SUBGRADE OF THE RAILWAY IIOAB JOURNAL IIOABJ | Vol. 10 | 5 | 34-39 | WOS: 000504502400007

32. **Grecheneva A. V.**, Kuzichkin, O. R. ; Vasilyev, G. S. ; Surzhik, D. I. ; Dorofeev, N. V; Kurilov, I. A. Approximation algorithms for analyzing the dynamic characteristics of the Probing Signal Generators for the Geotechnical Monitoring Systems DILEMAS CONTEMPORANEOS - EDUCACION POLITICA Y VALORES WQS: 000465623300073

33. Kuzichkin, O. R. ; **Grecheneva A. V.**, Dorofeev, N. V; Romanov, R. V. ; Surzhik, D. I. Estimation of the probability of karst cavities collapse under technogenic cyclic loads below the fatigue limit 2018 2ND INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS AND CHEMICAL ENGINEERING (ICFMCE 2018) WOS: 000467723800007

34. **Grecheneva A. V.**, Dorofeev, N. V; Kuzichkin, O. R.; Romanov, R. V. ; Surzhik, D. I. The method and mathematical support for calibration of a goniometric system based on the accelerometers 2018 2ND INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS AND CHEMICAL ENGINEERING (ICFMCE 2018) WOS: 000467723800043

35. Dorofeev, N. V; Kuzichkin, O. R. ; Surzhik, D. I. ; **Grecheneva A.V.**, Romanov, R. V. The method of forming probing signals of georadars on the basis of direct digital synthesizers for geodynamic monitoring 2018 2ND INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS AND CHEMICAL ENGINEERING (ICFMCE 2018) WOS: 000467723800044

36. Dorofeev, N. V; **Grecheneva A. V.**, Kuzichkin, O. R.; Romanov, R. V. ; Surzhik, D. I. The method of the phase control of the electrical installation during geodynamic monitoring 2018 2ND INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS AND CHEMICAL ENGINEERING (ICFMCE 2018) WOS: 000467723800045

37. Dorofeev, N. V; Kuzichkin, O. R. ; Surzhik, D. I. ; **Grecheneva A.V.**, Romanov, R. V. The method and devices of autocompensation of phase distortions of direct digital synthesizers of signal formers of georadars 2018 2ND INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS AND CHEMICAL ENGINEERING (ICFMCE 2018) WQS: 000467723800046

38. **Grecheneva A. V.**, Dorofeev, N. V; Kuzichkin, O. R. Complex processing of goniometric and acoustic signals in the automated control system of the rehabilitation exoskeleton 2018 2ND INTERNATIONAL CONFERENCE ON FUNCTIONAL MATERIALS AND CHEMICAL ENGINEERING (ICFMCE 2018) WOS: 000467723800047

39. Kuzichkin O.R., Vasilev G.S., **Grecheneva A.V.**, Dorofeev N.V., Kurilov I.A. Absolute stability analysis method of the probing signals generator of phase-metric systems of geodynamic control The IIOAB Journal. Vol. 2018. -№9. - S1. - P. 97-103

40. Dorofeev N.V., Kuzichkin O.R. **Grecheneva A.V.**, Formation of the control signals based on application of the neural network approaches in spine rehabilitation systems Bioscience Biotechnology Research Communication. - 11 (3). - 2018. - P. 363-369

41. Ivaschuk O., Kuzichkin O., **Grecheneva AV**, Aparin I., Dorofeev N. Application of the accelerometric control method of transport stream in the system of geotechnical monitoring

18th International Multidisciplinary Scientific Geoconference, SGEM 2018 Volume 18, Issue 1.2, 2018, Pages 91-98

42. Vasilyev G.S., Kuzichkin O.R., **Grecheneva A.V.**, Dorofeev N.V., Surzhik D.S. Analysis of the combined transfer functions for geotechnical control 18th International Multidisciplinary Scientific Geoconference, SGEM 2018 Volume 18, Issue 1.2, 2018, Pages 43-50

43. Vasilyev G., **Grecheneva AV**, Kuzichkin O., Baknin M., Dorofeev N., Results of the modeling of the phase-metric method of the control of the development of suffusion processes 18th International Multidisciplinary Scientific Geoconference, SGEM 2018 Volume 18, Issue 5.2, 2018, Pages 827-834

44. Kuzichkin O., Bykov A., **Grecheneva AV**, Dorofeev N., Surzhik D. Methods and algorithms of joint processing of geoelectric and seismoacoustic signals in real time 18th International Multidisciplinary Scientific Geoconference, SGEM 2018 Volume 18, Issue 1.1, 2018, Pages 877-884

45. Kuzichkin O., **Grecheneva AV**, Bykov A., Dorofeev N., Romanov R. Selection and justification of the location of the network of points of stationary observations in the local zones of karstological monitoring 18th International Multidisciplinary Scientific Geoconference, SGEM 2018, Volume 18, Issue 1.2, 2018, Pages 629-636

46. Vasilyev G.S., Kuzichkin O.R., **Grecheneva A.V.**, Dorofeev N.V., Eremenko V.T. The method of the calibration of the geoelectric systems of the geodynamic control 18th International Multidisciplinary Scientific Geoconference, SGEM 2018 Volume 18, Issue 1.1, 2018, Pages 1011-1018

47. Ivaschuk O., **Grecheneva AV**, Kuzichkin O., Aparin I., Dorofeev N. Social aspects of processing geological and technological information during the eia procedure 18th International Multidisciplinary Scientific Geoconference, SGEM 2018 Volume 18, Issue 2.2, 2018, Pages 403-410

48. Vasilyev G.S., **Grecheneva A.V.**, Kuzichkin O.R., Romanov R.V., Dorofeev N.V. The practice of using a multi-pole electrical installation for monitoring the coastal zone of karst lakes International Multidisciplinary Scientific Geoconference, SGEM 2018 Volume 18, Issue 1.2, 2018, Pages 727-734

49. **Grecheneva A.V.**, Kuzichkin O.R. Vasilev G.S., Kurilov I.A., Dorofeev N.V., Kostrov V.V. Method and algorithm for analysis of dynamic characteristics of the probing signals generator of phase-metric systems of geodynamic control Journal of Advanced Research in Dynamical and Control Systems Volume 10, Issue 2 Special Issue, 2018, Pages 2004-2010

50. **Grecheneva A.V.**, Kuzichkin O.R. Dorofeev N.V., Mikhaleva E.S. Geotechnical monitoring of the buildings on the basis of analysis of transfer functions and cyclic vibrational technogenic loads Journal of Advanced Research in Dynamical and Control Systems Volume 10, Issue 2 Special Issue, 2018, Pages 1995-2003

51. Kuzichkin O.R., **Grecheneva A.V.**, Dorofeev N.V., Surzhik D.I. The algorithms of preliminary processing of the inclinometric control data during the monitoring of the building International Journal of Engineering and Technology (UAE) Volume 7, Issue 4.7 Special Issue 7, 2018, Pages 260-267

52. Dorofeev N. V., Kuzichkin O. R., **Grecheneva A. V.**, Baknin M. D. The forecasting of the development of suffusion processes in urban on the basis of the geoelectric modeling by the data of the phasometric system of the geodynamic control International Journal of Engineering and Technology (UAE) Volume 7, Issue 4.7 Special Issue 7, 2018, Pages 268 -275

53. Vasilyev G.S., Kuzichkin O.R. Dorofeev N.V. **Grecheneva A.V.**, Compensation method of geodynamic trend in the systems of geoelectric control International Journal of Engineering and Technology (UAE) Volume 7, Issue 4, 2018, Pages 3697-3701

54. Dorofeev N.V., Kuzichkin O.R., **Grecheneva A.V.**, Romanov R.V. Control of changes in the state of soils during geotechnical monitoring based on phase measuring systems Construction and reconstruction. 2018. No. 6 (80). S. 3-13.

55. Dorofeev N.V., **Grecheneva A.V.**, Eremenko V.T., Kuzichkin O.R., Romanov R.V. Modular approach in organizing information and technical support for forecasting geodynamics in natural and technical systems Information systems and technologies. 2018. No. 6 (110). S. 62-69.
56. **Grecheneva A.V.**, Dorofeev N.V., Kuzichkin O.R. Express assessment of changes in the intervertebral discs in the automated goniometric control system with the registration of acoustic signals of friction of the vertebrae Biotechnosphere. 2018. No. 3 (57). S. 32-36.
57. **Grecheneva A.V.**, Dorofeev N.V., Kuzichkin O.R. Complex processing of goniometric and electrophysiological signals in the automated system for diagnostics and rehabilitation of the musculoskeletal system Biotechnosphere. 2018. No. 2 (56). S. 31-39.
58. **Grecheneva A.V.**, Dorofeev N.V. Kuzichkin O.R. Modeling of human osteoarticular biomechanics based on phasometric, goniometric measurements Biotechnosphere. 2018. No. 1 (55). S. 2-7.
59. Dorofeev N.V., **Grecheneva A.V.**, Kuzichkin O.R., Rakov V.I. The technique of the automatic positional of the accelerometric goniometric system Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017. Volume 1, 3 November 2017, Article number 8095080, Pages 222-226
60. Kuzichkin O., **Grecheneva AV**, Mikhaleva E., Dorofeev N., Baknin M. Application of phase-metric measuring systems for geodynamic control of karst processes Journal of Engineering and Applied Sciences, Volume 12, Issue Specialissue4, 2017, Pages 6858 -6863
61. Kuzichkin O.R., Dorofeev N.V., **Grecheneva A.V.**, Eremenko V.T. Application of a phase-measuring method in the inclinometric systems of geotechnical monitoring Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017. Volume 1, 3 November 2017, Article number 8095070, Pages 168-171.
62. Kuzichkin O.R., **Grecheneva A.V.**, Romanov R.V., Bykov A.A. Analysis of Influence of Endogenous Factors on Results of Geoecological Express-Control of Water Resources Journal of Engineering and Applied Sciences, Vol 12: pages 6852-6857
63. **Grecheneva A. V.**, Kuzichkin O. R., Mikhaleva E. S., Romanov R. V. The results of joint processing of geotechnical and geodynamic monitoring data of Karst processes Journal of Engineering and Applied Sciences Volume 12, Issue Special Issue3, 2017, Pages 6628-6634
64. Kuzichkin O. ; Mikhaleva E., **Grecheneva A.V.**, Dorofeev N. Carrying out geodeformation monitoring in karst areas based on accelerometric goniometers Journal of fundamental and applied sciences Vol: 9 Special Issue: pp .: 1871-1884
65. Dorofeev N. V.; **Grecheneva A.V.**, Kuzichkin O.R. Positioning of the Goniometric Monitoring System based on the Phase Measuring Principle 2017 International conference on industrial engineering, applications and manufacturing (ICIEAM). Saint Petersburg, Russia, May 16-19, 2017. IEEE, 345 E 47TH ST, New York, NY 10017 USA. WOS: 000414282400257. ISBN: 978-1-5090-5648-4. IDS Number: BI7JI
66. **Grecheneva AV**, Kuzichkin O.R., Gakhov RP, Dorofeev NV, Bykov AA, Gakhov BR The registration and the processing of signals of geomagnetic pulsations in the system of the geodynamic monitoring Journal of fundamental and applied sciences Vol 9 Special Issue SI pp .: 914-928 2017
67. Kuzichkin, O., Dorofeev, N., Bykov, A., **Grecheneva AV**, Romanov, R. The use of vertical electrical sounding by the method of two components for allocation of an initial phase of a landslide International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM Volume 17, Issue 51, 2017, Pages 1025-1032
68. Kuzichkin, O., Dorofeev, N. The algorithm for express-analysis of human functional systems considering of the goniometric control data International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM Volume 17, Issue 61, 2017, Pages 1081- 1088

69. Kuzichkin, O., **Grecheneva AV**, Dorofeev, N., Bykov, A., Romanov, R., Regression algorithms eliminate interference with the endogenous character geocological monitoring of water resources International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM Volume 17, Issue 52, 2017, Pages 749-754

70. Kuzichkin O., Bykov A., **Grecheneva AV**, Dorofeev N., Romanov R. Information and analytical support for the processing of heterogeneous data of geotechnical monitoring International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM Volume 17, Issue 12, 2017, Pages 453-460

71. Kuzichkin O., **Grecheneva A.V.**, Bykov A., Dorofeev N., Romanov R. Optimization of an equipotential method of electroinvestigation for a research of karst processes International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM. Volume 17, Issue 52, 2017, Pages 681-688

72. **Grecheneva AV**, Dorofeev N., Kuzichkin O., Romanov R. The method of the estimation of the acceptable degree of the deflection of the spine and of bias of vertebrae in systems of the diagnostic and the rehabilitation International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM Volume 17, Issue 61, 2017, Pages 1161-1168

73. **Grecheneva A. V.**, Kuzichkin O. R., Mikhaleva E. S., Dorofeev, N. V. Design and use of highly sensitive induction sensors for geodynamic monitoring Journal of Engineering and Applied Sciences Volume 12, Issue 14, 2017, Pages 3644-3648

74. **Grecheneva A.V.**, Dorofeev N.V., Kuzichkin O.R., Konstantinov I.S. Diagnosis of Neuro-physiological State of a Person on the Biomechanical Parameters Procedia Computer Science, Volume 103, 2017, Pages 260-265

75. **Grecheneva A.V.**, Eremenko V., Kuzichkin O., Dorofeev N. The method of selection of the key geodynamic objects CEUR Workshop Proceedings Volume 1839, 2017, Pages 74-83

76. **Grecheneva A.V.**, Dorofeev N., Podmasteriev K., Kuzichkin O. Improving the efficiency of the human spine diagnostics systems CEUR Workshop Proceedings Volume 1839, 2017, Pages 41-51

77. **Grecheneva A.V.**, Konstantinov I., Kuzichkin O., Dorofeev N. Decision support system for real-Time diagnosis of musculoskeletal system CEUR Workshop Proceedings Volume 1839, 2017, Pages 84-97

78. **Grecheneva A.V.**, Dorofeev N.V., Kuzichkin O.R. Methods for assessing the degree of friction of the spinal segments on the basis of joint goniometric and biotribological research Fundamental and applied problems of engineering and technology. 2017. No. 5 (235). S. 163-171

79. **Grecheneva A.V.**, Dorofeev N.V., Pankina E.S., Romanov R.V. Processing of technical and economic information in the geotechnical monitoring system Economics. Computer science. 2020. Vol. 47. No. 3. P. 638-647.

Дополнительный список публикаций:

1 Дорофеев Н.В., Кузичкин О.Р., Еременко В.Т., Романов Р.В. Греченева А.В. / Геоэкологический мониторинг нецентрализованного водоснабжения на основе построения специализированных информационно-аналитических систем // Монография / - Орел: ОГУ им. И.С. Тургенев, 2017. - 161 с.

2 Греченева А.В., Дорофеев Н.В. / Прогнозирование развития карстово-суффузионных процессов по уровню воды в реке // Свидетельство о регистрации программы для ЭВМ 2021610068, 12.01.2021. Заявка № 2020664094 от 11.11.2020г.

3 Еременко В.Т., Фисун А.П., Кузичкин О.Р., Пеньков Н.Г., Дорофеев Н.В., Орешин Н.А., Греченева А.В. / Математические основы цифровой обработки сигналов / В.Т. ... Еременко [и др.]. - Орёл: ОГУ имени И.С. Тургенев, 2018. - 166 с.

4 Программа моделирования неоднородностей геологической среды с геоэлектрическим методом контроля Свидетельство о государственной регистрации

программы для ЭВМ № 2017663795 Российская Федерация, заявка 26.10.2017;
зарегистрировано 12.12.2017

5 Программа коррекции фазы электромагнитных сигналов и координат источника
Свидетельство о государственной регистрации программы для ЭВМ № 2018663263
Российская Федерация, заявл. 26.09.2018; зарегистрировано 24.10.2017