Research Outcome as Publication Association with Russian University

1. Nikitenko M.S., Malakhov Yu.V., Neogi B., Chakraborty P., Banerjee D. Robotic complex for the development of thick steeply-inclined coal seams and ore deposits. IOP conference series: Earth and environmental science. 84 (2017) 012002. http://iopscience.iop.org/article/10.1088/1755-1315/84/1/012002

   ↑SCOPUS

2. Кизилов С. А., Никитенко М.С., Neogi B. Разработка концепции создания мобильного места оператора для горнодобывающей промышленности на основе совмещения технологий нейрокомпьютерного интерфейса и дополненной реальности. Системы автоматизации в образовании, науке и производстве: Труды XI Всероссийской научно-практической конференции / Сиб. гос. индустр. Ун-т; под общ. редакцией С.М. Кулакова, Л.П. Мышляева. - Новокузнецк: Изд. центр СибГИУ, 2017. С. 44-47.

   (translation ↓)

   Kizilov S.A., Nikitenko M.S., Neogi B. Development of mobile operator position Concept based on neurocomputer interface and augmented reality. *Sistemy avtomatizacii v obrazovanii, nauke I proizvodstve: trudi XI Vserossijskoi nauchno-practicheskoj konferencii* [Automation systems in education, science and production: Proceedings of the XI Russian Scientific and Practical Conference / Sib. state. industr. Universityt; edited by SM. Kulakov, L.P. Myshlyaev]. – Novokuznetsk, 2017 pp.44-47. (in Russian)

3. Кизилов С. А., Неоджи Б., Никитенко М.С., Николаев П. И., Кузнецов И.С. Автоматизация управления технологическими процессами при отработке мощных пластов с выпуском угля подкровельной толщи. Горная Промышленностью. №6 (136). 2017 г. – С. 96-99.

   (translation ↓)

   Kizilov S.A., Neogi B., Nikitenko M.S., Nikolaev P.I., Kuznetsov I.S.. Automation of industrial process control during the development of thick coal seams with the top coal caving. *Gornaya promishlennost'* [Mining Industry Journal], 2017, no.6 (136). pp. 96-99. (in Russian)

4. Mikhail Nikitenko, Sergei Kizilov, Peter Nikolaev, Igor Kuznetsov, Biswarup Neogi, Dipesu Banerjee, Paromita Mitra. Concept of Automatic Control Evolution on Mining Thick Seams introducing Long Wall Top Coal Caving Technology. Conference Proceedings of 1st International Conference on Emerging Trends on Engineering and Science (ETES 2018), 23-24 March; 2018: p.77.

5. Kizilov S. A., Nikitenko M. S., Neogi B. Concept of mobile operator position based on neurocomputer interface and augmented reality. IOP Conference Series: Materials Science and Engineering, Volume 354 (2018), conference 1. С. 012016. doi:10.1088/1757-899X/354/1/012016 http://iopscience.iop.org/article/10.1088/1757-899X/354/1/012016/pdf

6. Никитенко М.С., Журавлев С.С., Рудомётов С.В., Ph.D. Neogi B., Белый А.М. Тестирование алгоритмов системы управления шагающей крепи при интеграции технологии нейрокомпьютерного интерфейса (BCI) и дополненной реальности (AR). Наукоёмкие технологии разработки и использования минеральных ресурсов: научный журнал/ Сиб. гос. индустр. ун-т; под общей ред. В.Н. Фрянова. – Новокузнецк, 2018 г. – №4, С. 383-388

   (translation ↓)

   Nikitenko M.S., Zhuravle S.S., Rudometov S.V., Neogi B., Belij A.M. Testing the algorithms of the walking powered support control system with integrating the technology of the Neurocomputer interface (BCI) and Augmented Reality (AR). *Naukoemkie tekhnologii razrabotki i ispolzovaniya mineralnikh resursov* [High technology of development and use of mineral resources: a scientific journal / Sib. state. industr. university; edited by V.N. Fryanov. - Novokuznetsk, 2017, no.6 (136). pp. 96-99. (in Russian)

7. **Das.S, Paul.S, Ojha SK, Neogi.B, Nazarov.A, Ghosh.J , Ghosh S "On Design and Implementation of an Artificial Lower Limb". International Journal of Sensors Wireless Communications and Control. Vol.8, Issue 2, Pages 100-108 . June 2018** https://www.ingentaconnect.com/contentone/ben/swcc/2018/00000008/00000002/art00004.
   ↑SCOPUS

8. **S Das, S K Ojha, H Rai, M Roy, S Barui, B Neogi "Support to portable devices with Energy Generation by Lower Limb activities." Journal of Mechanics of Continua and Mathematical Sciences ISSN PRINT : 0973-8975 ISSN ON LINE : 2454-7190 Vol – 13 No -1, Pages 55-65.**

   Web of Science (Paper with MIPT PhD Student and JISCE Students)

9. S.Paul, SK Ojha, S.Barui, S.Ghosh, M.Ghosh, B. Neogi, Ankur Ganguly, "Technical Advancement on Various Bio signal Controlled Arm-A review" , Journal of Mechanics of Continua and Mathematical Sciences, ISSN PRINT : 0973-8975, ISSN ON LINE : 2454-7190. Volume 13, Issue 2, Pages 95-111 **June 2018.**

   Web of Science (Paper with MIPT PhD Student and JISCE Students)

10. P. Pradhan, P. Das, SK Ojha, M. Ghosh, S.Ghosh, B.Neogi "Neurobiological Function Analysis of Naturally Generated Seeds Optimization Using Evolutionary Techniques" Journal of Mechanics of Continua and Mathematical Sciences, ISSN PRINT : 0973-8975, ISSN ON LINE : 2454-7190 Vol – 13 No -1, Pages 84-100

    Web of Science (Paper with MIPT PhD Student and JISCE Students)

11. **(translation ↓)**
    Neogi B, Mitra.P, Banerjee.D , Das.A , Sarkar.S, Ghosh.S, Nikitenko.M . Advanced Technologies Based On The BCI, HMI and IoT for Efficiency and Safety of Underground Mining. IOP Conference International Scientific and Practical Conference "High technologies of development and use of mineral resources" , Russia Pp. 240-244 July 2019

12. Nikitenko M S, Zhuravlev S S, Rudometov S V, Neogi B and Belyi A M. Walking support control system algorithms testing with brain-computer interface (BCI) and augmented reality (AR) technology integration. IOP Conf. Series: Earth and Environmental Science 206 (2018) 012043 doi :10.1088/1755-1315/206/1/012043.

13. Kizilov S. A., Nikitenko M. S., Neogi B. Development of a concept for creating a mobile operator station for the mining industry based on the combination of brain-computer interface technologies and augmented reality. Automation systems in education, science and production: Proceedings of the XI All-Russian Scientific and Practical Conference / Sib. state industry Un-t; under total edited by S.M. Kulakova, L.P. Myshlyaeva. - Novokuznetsk: Ed. Center SibGIU, 2017. pp. 44-47.

14. Belgees Qaraad, Osama Moaaz, **Shyam Sundar Santra**, S. Noeiaghdam, Denis Sidorov, E. Metwally Elabbasy; Oscillatory Behavior of Third-Order Quasi-Linear Neutral Differential Equations_**axioms-1384571_** https://doi.org/10.3390/axioms10040346 **(Scopus, WoS, SCIE)**

15. B. Hemalatha, S. Selvi, **Shyam Sundar Santra**, Rifaqat Ali, V. Govindan, Aliona Dreglea, Samad Noeiaghdam; Effect of Ventricular Elasticity due to Congenital Hydrocephalus_ ***Symmetry* 2021, *13*(11), 2087**; https://doi.org/10.3390/sym13112087 **(Scopus, WoS, SCIE)**

16. **Shyam Sundar Santra**, Hammad Alotaibi, Samad Noeiaghdam, Denis Sidorov; On nonlinear forced impulsive differential equations under canonical and non-canonical conditions_ **Symmetry *2021***, *13*(11), 2066; _https://doi.org/10.3390/sym13112066 **(Scopus, WoS, SCIE)**

17. S. Arulmozhi, K. Sukkiramathi, S. S. Santra, R. Edwan, Unai Fernandez-Gamiz and Samad Noeiaghdam; Heat and Mass transfer analysis of Radiative and Chemical reactive effects on MHD Nanofluid over an infinite moving vertical plate, **Results in Engineering_** https://doi.org/10.1016/j.rineng.2022.100394 **(online on 29.03.2022) (Scopus, WoS, ESCI)**

18. Swaminathan Deepa, Anumanthappa Ganesh, Shyam Sundar Santra, Vediyappan Govindan, Khaled Mohamed Khedher and Samad Noeiaghdam; Mittag-Leffler-Hyers- Ulam Stability of fractional differential Equations with Prabhakar Derivatives using Fractional Fourier Transform_ ***Azerbaijan Journal of Mathematics__(accepted on 10.03.2022)*** **(Scopus, WoS, ESCI)**

19. T. Padmavathi, S. Senthamilselvi, Shyam Sundar Santra, V. Govindan, Mohamed Altanji and Samad Noeiaghdam; Rotational Reaction over Infected Covid-19 on Human Respiratory Tract in the Presence of Soret Effect with Hall Current, ***The bulletin of Irkutsk state University_(accepted on 15.02.2022)*** **(Scopus, WoS, ESCI)**

20. Mohamed Altanji, Annamalai Santhi, Vediyappan Govindan , Shyam Sundar Santra and Samad Noeiaghdam; Fixed Point Results Related to b-Intuitionistic Fuzzy Metric Space, **Journal of Function Space_(accepted on 10.02.2022)** **(Scopus, WoS, SCIE)**