

Секция / Topic Session 1

Индустрия 4.0, кибербезопасность и инженерное образование /
Industry 4.0, Cybersecurity and Engineering Education

Сопредседатели / Moderators: Белоусов С.В. / *Belousov S.V.*, Орлов К.А./*Orlov K.A.*

№№	ID доклада / Paper ID	Авторы / Authors	Название доклада / Paper Title
Среда 13 апреля 13.00-16.00			
1.	20210020	Olga V. Semaeva, Olga N. Skuybedina, Elena L. Fedorova	Real-Virtual Platforms for Organizing Research Activities of Students of Technical Universities in the Process of Teaching Technical Translation
2.	20210028	Andrey Okhlopkov, Natalya Egorova	Changes in Approaches to Automation of Design and As-Built Documentation Procedures at Hazardous Production Facilities in the Russian Energy Sector
3.	20210044	Andrei V.Chernenkii	Implementation of Project Activities in Engineering Education on the Example of the Educational Program “Space Technologies”
4.	20210053	Aleksey Artemov, Alla Ulanova, Yulia Prudnikova	Impact of Pandemic Conditions on Organization of Industrial Internship
5.	20210056	P.A. Kozlov, S.I. Safin, V.O. Tolcheev	Identification and Analysis of Priority Department Topics of Student’s Scientific Research
6.	20210062	Tatyana A. Shindina, Natalia V. Usmanova, Irina P. Mikhaylova, Nina V. Knyazeva	University digital maturity profile as a tool of higher education system digital transformation
7.	20210217	V. V. Martynov, E. I. Filosoza, Y. V. Egorova	Information Architecture to Support Engineering Education in the Era of Industry 4.0
8.	20210099	Kirill Naslednikov, Sergey Petrov	Module for Determining the Technological State of Lease Automatic Custody Transfer Unit
9.	20210117	Anna Glebova, Inna Lukashenko	Bloomberg as a Component of Research

№№	ID доклада / Paper ID	Авторы / Authors	Название доклада / Paper Title
10.	20210083	Natalia Yegorova, K. I. Kuznetsov	Automated Checking of Knowledge of LAB Works on the Course «Thermodynamics»
Четверг 14 апреля 10.00-13.00			
11.	20210133	А.Ю. Невский, О.Р. Баронов	Подготовка бакалавров информационной безопасности в НИУ «МЭИ»: учет особенностей отрасли энергетики
12.	20210142	D.V. Golubev, S.V. Belousov	Application of CAD in teaching modeling of electrophysical parameters of high-voltage electrical equipment
13.	20210166	S. N. Kurilov, A.B. Rodin, M.I. Sminova	Moral Guidelines in the System of Engineering Education in the Society of Industry 4.0 according to the results of Remote Sociological Monitoring
14.	20210172	S.L.Gromov, K.A.Orlov	Process Design In Water Treatment: Software Choice Problems
15.	20210173	Orlov K.A., Ochkov V.F., Okhlopkov A.V., Gadzhiev D.K.	Comparison of modeling approaches in the training simulators development for the power industry
16.	20210178	Orlov K.A., Okhlopkov A.V., Gadzhiev D.K.	Advanced training of thermal power plant operational personnel through the use of digital simulators
17.	20210182	Olga E. Kondrateva, Oleg A. Loktionov, Natalya V.Vasileva, Viktor T. Medvedev, Vladimir S. Malyshev	The experience of NRU "MPEI" in the implementation of the sustainable development principles in engineering education
18.	20210194	N.O. Strelkov, V.V. Krutskikh, E.V. Shalimova	Programming STM32 Nucleo Platform for IoT Education Using STM32duino and Mbed OS
19.	20210213	V. S. Okhotin, E. V. Dzhuraeva	Method for Calculating Thermodynamic Properties of Poorly Studied Liquids
20.	20210076	Elena Makarova, Svetlana Makarova, Vitaly Martynov	Technology of Designing an Effective Educational Program when Implementing an Engineering Education in the Digital Economy
21.	20210231	Yuliya Sergeevna Valeeva, Svetlana Nikolaevna Valeeva, Milyausha Faritovna Shakurova	Digital competence of students, postgraduates by means of cross-cutting digital technologies in the educational process of universities

Секция / Topic Session 2

Информационные интеллектуальные технологии и программное обеспечение инженерного образования / Information Intelligent Technologies and Software for Engineering Education

Сопредседатели / Moderators: Еремеев А.П. / *Eremeev A.P.*, Варшавский П.Р. / *Varshavskii P.R.*, Крепков И.М. / *Krepkov I.M.*, Чернецов А.М. / *Chernetsov A.M.*

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
Среда 13 апреля 13.00-16.00 Руководитель: Крепков И.М.			
1.	20210015	Pavel B. Khorev, Victoria A. Karpeeva	Software Tools for Analyzing Information Security Incidents Based on Monitoring of Information Resources
2.	20210110	V. L. Zhanova, I. Y. Efremkov	Software application for the research of optical properties of matrix photodetectors
3.	20210174	Pavel Varshavskii, Sergey Polyakov, Anatoly Segin	Implementing a Modular System to Teach Students the Basics of Case-Based Reasoning Data Mining
4.	20210049	E. A. Chelyshev, M. V. Raskatova	Information System for Automatic News Text Classification
5.	20210054	Igor M. Krepkov, Oleg I. Artukhov, Irina A. Kulik	Methods of Database Diagnostic on a Symbolic Variable
6.	20210205	G. S. Gorshkov, V. D. Polezhaev	The development of the information and educational environment of the university through the improvement of a multifunctional technological platform
7.	20210081	Gennadiy F. Filaretov, Almira A. Chervova	Fractal Characteristics of the Network Traffic
8.	20210176	Andrey Chernetsov, Olga Shamayeva, Gury Mikhailov	Improve the Reliability of the Organization's Resources to Support Remote Education Services
9.	20210160	Latsyna Maria, Petrov Sergey	Experience in designing and developing a navigator program to support the educational process at "NRU "MPEI"

Четверг 14 апреля 10.00-13.00			
Руководители: Еремеев А.П., Варшавский П.Р., Чернецов А.М.			
10.	20210153	G.V. Rybina, A.Y. Nikiforov, A.A. Grigoryev, A.A. Slinkov	Automated formation of the unified ontological space of students' knowledge and skills to implement intellectual tutoring tasks based on tutoring integrated expert systems
11.	20210228	Boris A. Kobrinskii	Role Playing as a Method of Learning in Knowledge Engineering
12.	20210148	Victor Toporkov, Dmitry Yemelyanov, Artem Bulkhak	Machine Learning for Job-flow Online Scheduling and Resources Allocation in Distributed Computing
13.	20210042	Anna Kolodenkova, Evgenia Muntyan, Svetlana Vereshchagina	Increasing the competitiveness of the university educational programs through scientific and methodological support using modern intellectual technologies
14.	20210093	Vadim A. Shakhnov, Vladimir V. Makarchuk, Lyudmila A. Zinchenko, Vadim V. Kazakov, Elena V. Rezchikova	Visual Analytics and Its Applications in Electronic Engineering Education
15.	20210200	Olga V. Stoianova, Valeriia D. Moskaleva	A Method for Planning R&D Activities Based on a Set of Models
16.	20210191	Alexander P. Eremeev, Ilia A. Poliushkin, Maksim D. Sergeev	Instrumental Software Environment for Teaching Students the Technology of Designing Intelligent Decision Support Systems
17.	20210218	A.P. Eremeev, N.A. Paniavin, M.A. Marenkov	An Object-Oriented Approach to Ontology Modelling in Specialists Education of Methods and Technologies of Artificial Intelligence
18.	20210021	Ali Mansour, Juman Mohammad, Yury Kravchenko	Text vectorization method based on concept mining using clustering techniques
Четверг 14 апреля 13.30-16.30			
Руководители: Еремеев А.П., Варшавский П.Р., Чернецов А.М.			
19.	20210149	Vladislav Kuporenkov, Andrey Mokhov, Alexander Bobryakov, Alexey Gavrilov, Nadezda Naryadkina	APPROACH TO DEVELOP AN INTELLIGENT USER SUPPORT SYSTEM OF THE EDUCATIONAL PLATFORM
20.	20210071	V. Latypova	Automated System for Checking Works with Free Response Using Intelligent Tutor's Comment Analysis in Engineering Education
21.	20210209	V. Latypova	Work with Free Response Implementation Process Analysis Based on Sequential Pattern Mining in Engineering Education
22.	20210192	М.М. Маран	ИНСТРУМЕНТАЛЬНЫЕ СРЕДСТВА ПОДДЕРЖКИ ДИСЦИПЛИНЫ «ПРОГРАММНАЯ ИНЖЕНЕРИЯ»

23.	20210064	И.А. Иванов, О.П. Мосалов	СЕРВИС ДЛЯ ОЦЕНКИ АКТУАЛЬНОСТИ НАУЧНЫХ ПУБЛИКАЦИЙ
24.	20210055	A. Frolov, A. Klyagin , N. Kochetova, A. Vinnikov	Educational desktop for remote modeling of wireless computer networks subject to constraints
25.	20210152	Valentina S. Batasova, Galina M. Nikitina	Application of a Multiple Choice Model with Ordered Alternatives to Analysis of Objectivity of Knowledge Test Results
26.	20210097	V. Izhutkin, A. Zonov, A. Denisova	Information Technologies for Training of Specialists on the basis of Designing Costs for Electric Power Transmission in Overhead Transmission Lines
27.	20210147	И.Е. Куриленко	ПРИМЕНЕНИЕ РОБОТИЗАЦИИ ПРОЦЕССОВ В СОСТАВЕ ДИСТАНЦИОННЫХ ОБРАЗОВАТЕЛЬНЫХ ТЕХНОЛОГИЙ

Секция / Topic Session 3

ИТ в инженерных расчётах и проектировании объектов промышленности и энергетики /
IT in engineering calculations and design of industrial and energy facilities

Сопредседатели / Moderators: Вишняков С.В. / *Vishniakov S.V.*, Очков В.Ф. / *Ochkov V.F.*, Топорков В.В. / *Toporkov V.V.*

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
Среда 13 апреля 13.00-16.00			
1.	20210026	Т.В. Богатырева, А.А. Солодков	Исследование проектной задачи инструментами современного анализа данных
2.	20210037	Sergey A. Riffel, Sergey N. Cherkasskikh, Denis V. Shilin, Maksim O. Sheykin	Identification of the Optimal Controller Type for Hexapod with Hydraulic Actuator
3.	20210043	Андрей Рожков, Владимир Грибин	О математическом описании некоторых характеристик ГТУ с помощью корреляционных уравнений

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
4.	20210057	Georgy Burdo, Alexnder Bolotov	Establishment of Criteria for Assessing Preproduction Engineering in CAD TP
5.	20210059	А.В. Костандян, С.С. Горбунов, А.Ф. Егоров, В.В. Сидоров, В.А. Костандян	Система управления смешением бензинов в режиме реального времени в условиях параметрической неопределенности
6.	20210060	Костандян Валерий, Костандян Артур, Горбунов Сергей, Егоров Александр, Сидоров Валерий	Мониторинг измерений в интеллектуальных системах управления технологическими процессами
7.	20210072	Andrey Taratorin	Noise Propagation Modeling From Large Industrial Facilities in Engineering Education
8.	20210088	A. Gudozhnikov, M. Tibryaev, M. Rashevskaya	Development of an Arc Breakdown Simulation Model for Its Practical Use in Low Voltage Distribution Network
9.	20210090	Bary Ilyasov, Elena Makarova, Vitaly Martynov, Elena Zakieva, Elvira Gabdullina, Marat Yusupov	Application of Gradient Boosting Algorithm for Predicting Equipment Failures
10.	20210096	Flur Ismagilov, Viacheslav Vavilov, Iskander Garipov, Ayaz Bakirov, Albina Nurieva, Oksana Yushkova, Alexey Zherebtsov	Comparative analysis of software complexes in the calculation of the cavity cooling system of an electric machine
Четверг 14 апреля 10.00-13.00			
11.	20210041	Poznyak, Elena V., Radin, Vladimir P., Novikova, Olga V., Chirkov, Victor P., Babin, Oleg A., Kuznetsov, Sergey F.	Dynamic analysis of systems with nonlinear elastomeric isolator in Simulink
12.	20210098	Д. А. Сайкова, В.А. Шихин	ПОСТРОЕНИЕ МОДЕЛЕЙ ПРОГНОЗА ЦЕНЫ ЭЛЕКТРОЭНЕРГИИ НА АЛЬТЕРНАТИВНЫХ ВЫБОРКАХ
13.	20210113	Deeb Rawad, Dmitry Sidenkov	Evaluation of Turbulence Models for Flow and Heat Transfer of Drop-Shaped Tubes
14.	20210115	Л.В. Алексейчик, А.А. Курушин	Решение комплексных мультифизических задач с помощью современных САПР СВЧ
15.	20210129	Tatiana Savitskaya, Mariya Kazanova, Pavla Mikhailova	Software application for calculating tanks for the synthesis of flexible schemes for wastewater treatment of chemical technological systems
16.	20210134	V. M. Supranov, G. I. Doverman, I.G. Petrov, K.A. Pleshanov, D.A. Khokhlov	New opportunities for boiler plants calculation

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
17.	20210135	Sergey V. Trigorly, Vadim V. Zakharov, Ivan I. Artyukhov, Svetlana G. Kalganova	Modeling and Investigation of a Conveyor-Type Microwave Installation for Heating Bulk Materials
18.	20210144	V.R. Pekhteleva, G.R. Titova	The role of modern software systems in the formation of professional competencies of specialists in the electric power industry
19.	20210146	A R Baibichenkov, G R Titova	APPLYING SOFTWARE PACKAGES FOR DESIGNING THE POWER SUPPLY SYSTEM OF TEMPORARY BUILDINGS AND CONSTRUCTIONS
20.	20210154	M.N. Kirsanov, V.F. Ochkov, I.A. Babichev	Genetic Algorithm for Optimization of Heating Networks
Четверг 14 апреля 13.30-16.30			
21.	20210155	O. Yu. Gusev, V. Prokofyev, M. Spitsyna, G. Teplov	Emulation of 110 kV Switchgear in Accordance with IEC 61850
22.	20210179	Э.И. Манчев, Т.Н. Комиссарова, В.Е. Хроматов	Исследование спектров собственных частот колебаний пологих ортотропных оболочек из ферромагнитного материала в магнитном поле
23.	20210187	Dmitry Letov, Victor Tishchenko, Vladimir Gribin	USING ANSYS TO STUDY THE SUPPLY GEOMETRY INFLUENCE ON COOLING EFFICIENCY
24.	20210195	K.A. Zinchenko, V. A. Pavlovskay, V.A. Chernyshev	Measurement of the degree of humidification of insulation gaps of high-voltage energy equipment
25.	20210212	Thu Yein Min, Tatyana A. Shestopalova, Michael G. Tyagunov, He Haiyang	Program For the Selection of Sites to construct Renewable Energy Plants based on the Method of Analytic Hierarchy Process (AHP)
26.	20210222	Deeb Rawad, Dmitry Sidenkov	Numerical Simulation of The Flow Past The Three-Row Staggered Drop-Shaped Tubes Bundle at The Different Angles of Attack
27.	20210226	A.V. Bobryakov, V.V. Borisov, A.E. Misnik, S.A. Prokopenko	Design and Implementation of Information-Analytical and Industrial and Technological Processes in Production Based on Neuro-Fuzzy Petri Nets
28.	20210229	Denis Zezin	Modern Open Source IC Design tools for Electronics Engineer Education
29.	20210230	Maxim V. Burmeyster, Ramis V. Bulatov, Ilya I. Berdyshev	Development of a method for optimising the voltage mode based on Fuzzy Logic
30.	20210233	Maxim A. Fedin, Alexandr B. Kuvaldin, Alexandr R. Lepeshkin, Sergey S. Kondrashov, Svetlana A. Fedina, Ivan E. Zhmurko	An integrated approach to the mathematical description of induction heating installations using information technologies

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
31.	20210238	Olga Yegoshina, Natalia Bolshakova, Sofya Zvonareva	The state and perspectives of corrective reagents dosing systems as the cycle chemistry monitoring at power plants

Секция / Topic Session 4

ИТ в учебных, исследовательских и испытательных лабораториях

IT in educational, research and testing laboratories

Председатель / Moderator: Липай Б.Р. / *Lipay B.R.*, Планкин А.П. / *Plankin A.P.*

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
Среда 13 апреля 13.00-16.00			
1.	20210034	Е.В. Дорохов	Цифровизация практических занятий по курсу «ТЭС и АЭС» для подготовки бакалавров по направлению «Теплоэнергетика и теплотехника»
2.	20210046	М.М. Vinogradov, I.S.Antanenkova, E.E. Ustyuzhanin	Methods of measuring temperature and pressure on virtual laboratory stands
3.	20210047	И.В. Володин, И.А. Корняков, И.А. Ячевский	Автоматизация экспериментального стенда по исследованию кипения сверхтекучего гелия
4.	20210080	E. Andreenkov, S. Shunaev	Application of simulation modeling as a replacement for laboratory practice in engineering education

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
5.	20210084	S.K. Popov, V.D. Vaniushkin, A.A. Valineeva	Heat technology installations simulation in the educational process
6.	20210100	А.Р. Сулейманова, Р.Р. Вилданов	Изучение старения и нахождение оптимального углеводородного состава трансформаторного масла
7.	20210104	A. Shvetcov, V. Gorbunov, S. Dianov, A. Sukonschikov, G. Rapakov, K. Kinyakin	Algorithms of natural language dialogue with intelligent robot NAO EVOLUTION
8.	20210125	A. N. Serov, E.A. Dolgacheva, G.V. Antipov	Application of Simulink for the Study of Dual-Slope ADC
9.	20210141	V.A. Loginov, A.A. Khvostov	Universal simulator of eddy-current flaw detectors for education
10.	20210156	E. Merzlikina, N. Dilbikova, G. Farafonov	Use of CODESYS for laboratory classes in the online mode
Четверг 14 апреля 10.00-13.00			
11.	20210167	N. Sysoev, B. Sorokin, A. Sorokina, A. Korolev, A. Kuksov	Simulation Technologies Enhancing Educational Physics Laboratory Workshops at Lomonosov Moscow State University
12.	20210207	Т.В. Богомолова	ИССЛЕДОВАНИЕ ТЕЧЕНИЯ В КОЛЬЦЕВОМ ДИФФУЗОРЕ С ПОПЕРЕЧНЫМ ОРЕБРЕНИЕМ В ANSYS FLUENT
13.	20210221	T. Duishenaliev, D. Dikarev	Implementation of some non-classical mathematical models of the mechanics of a deformable body in the Mathcad and Matlab system
14.	20210235	M. Zhokhova, D. Mikheev, M. Karpunina, D. Zhokhov	The Concept Of Application Of Computer Technologies For Educational and Research Laboratory On Theoretical Fundamentals Of Electrical Engineering
15.	20210237	V. Simonov, E. Lapshina, A. Runov	Utilisation of electronic games and simulators in the educational process to maintain and train human brain and physical activity in a pandemic

Секция / Topic Session 5

Дистанционные технологии и электронные образовательные ресурсы в инженерном образовании /
Distant technologies and electronic educational resources in engineering education

Сопредседатели / Moderators: Тихонов А.И. / *Tikhonov A.I.*, Трофимов А.В. / *Trofimov A.V.*

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
Среда 13 апреля 13.00-16.00			
1.	20210013	Marina Slepneva, Oksana Ladoshа	Mobile Literacy and Digital Competences of Foreign Language Teachers in Higher School
2.	20210018	O. Ladoshа	Dynamics of student performance in a foreign language from the perspective of the transition to distance learning (statistical analysis)
3.	20210030	V.F. Ochkov, A.Stevens, A.I.Tikhonov	Jupyter Notebook, JupyterLab - Integrated Environment for STEM Education
4.	20210032	A.V. Trofimov, V.A. Trofimov, A.M. Polyakov, S.N. Khorkov	Remote Laboratory Complex "Automated Process Control Systems of Power Plants"
5.	20210051	Sergey Petrov, Dmitry Merenkov, Sergey Shirinskii, Dmitrii Kryzhov, Marina Letyagina	Empowerment of LMS "Prometheus" for MPEI educational process
6.	20210052	Э.В. Кузнецов, В.И. Киселев, Д.А. Коваленко, С.Н. Хорьков	ВИРТУАЛЬНЫЕ ЛАБОРАТОРНЫЕ РАБОТЫ ПО ЭЛЕКТРИЧЕСКИМ МАШИНАМ В СИСТЕМЕ ДИСТАНЦИОННОГО ОБРАЗОВАНИЯ
7.	20210063	Tatyana A. Shindina, Irina P. Mikhaylova, Natalia V. Usmanova, Nina V. Knyazeva	Satisfaction Survey of E-learning Educational Programs Graduates as a tool for Educational Process Quality Improvement and University Community Formation
8.	20210079	N. Pivkina, E. Nikonova	The application of the technology «Blended learning» in teaching of a foreign language at a non-linguistic university
9.	20210101	Р.А. Бутов, В.И. Величко	ВОЗМОЖНОСТИ ПЛАТФОРМЫ "GOOGLE COLABORATORY" ДЛЯ ПРИМЕНЕНИЯ В УЧЕБНОМ ПРОЦЕССЕ НА ПРИМЕРЕ РАСЧЕТА ПЛАСТИНЧАТОГО ТЕПЛООБМЕННИКА

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
10.	20210109	I. A. Andrianov, S. U. Rzheutskaya, A. V. Rzhetskiy, A. N. Sorokin, A. A. Sukonschikov	Web Resource for Teaching Programming in the Form of Tournaments
Четверг 14 апреля 10.00-13.00			
11.	20210168	S.V.Borisova, A.A.Khobov	Use of games forms of learning in distance education on the example of physics experiments
12.	20210177	Е.В. Джураева, В.С. Охотин	Особенность проведения лекционных мероприятий в условиях дистанционного обучения
13.	20210180	Olga Zvereva, Rail Mukhamadiev, Denis Shadrin	Blended Learning in the IT Educational Programme: an Example of the Programming Technologies Course
14.	20210184	Alexandr V. Lubenchenko, Dmitry A. Ivanov, Irina V. Ivanova, Olga I. Lubenchenko	Application of distance learning technologies to create simulation modeling applications in technical physics
15.	20210185	P. Bukina, G. Shvedov, V. Korolev	Application of " DigSILENT PowerFactory " software complex for remote laboratory studies of ring-type electricity networks
16.	20210186	А.В. Никитин, А.В. Белко, И.С. Зейликович, С.М. Данилова-Третьяк	КОМПЬЮТЕРНАЯ ПОДДЕРЖКА ПРЕПОДАВАНИЯ ФИЗИЧЕСКИХ И ТЕХНИЧЕСКИХ ДИСЦИПЛИН
17.	20210208	K. I. Kuznetsov, N. V.Yegorova	Virtual Laboratory Work «Isothermal Compression of Real Gas»
18.	20210223	Zh. Demyanova	Online Dictionaries in Process of Foreign Language learning in Engineering Education

Секция / Topic Session 6

Компьютерная графика и 3D-моделирование в инженерном образовании /
Computer graphics and 3D modeling in engineering education

Сопредседатели / Moderators: Федотов Г.В. / *Fedotov G.V.*, Плешанов К.А. / *Pleshanov K.A.*, Чахеев Е.Я. / *Chakheev E.Y.*

№№	ID доклада Paper ID	Авторы / Authors	Название доклада / Paper Title
Среда 13 апреля 13.00-16.00			
1.	20210050	Alexander L. Kheifets	Computer Geometric Modeling Course for Construction Students
2.	20210074	Ivan Gil	Performance Improvement Methods For Hardware Accelerated Graphics Using Vulkan API
3.	20210078	Irina Stolbova, Olga Pichkaleva, Konstantin Nosov	Digital 3D Model in Geometric and Graphic Education
4.	20210119	I. V. Putilova, M. P. Zhokhova, A.A. Kiriakin, E. A. Malikova, M. A. Kiryakina	On the use of the modern software in the programs of basic and additional professional education in the field of electric power engineering
5.	20210120	Irina Putilova, Petr Ershevich, Elena Malikova, Natalia Ivanova, Tamara Matveeva	The use of virtual reality tools in the system of continuing professional education
6.	20210132	V.G. Fedotov, G .V. Fedotov	UV optimization for game ready 3D assets
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9.	20210181	T. A. Bobrova, E. A. Kapitanova, I.R. Kapitanov	Application of computer three-dimensional simulation in the process of teaching students the subject of engineering graphics
10.	20210224	Gennady V., Fedotov, Ludmila V., Zakharova, Olga V., Alyмова	To the issue of the balanced program "engineering and computer graphics" for engineering specialties