CONTENT

EARTH SCIENCES AND GEOGRAPHICAL SCIENCES

Tleugaliyev D.R, Chernenko Z.I. Peculiarities of formation and prospective assessment of the Dolinnoye gold deposit

8

TEALINIAAL	COLENIATO	AND TEALINAL	001E0
IECHNICAL	SCIENCES	AND TECHNOL	$()(i) \vdash S$

TEOTINICAL COLLINGES AND TEOTINGECOLES	
Alimseitova Zh., Akhmetov B., Kalaman Ye. The value of information assets of educational institutions and the	
problems of ensuring their cybernetic security **Amirgaliyev Ye.N., Bukenova I.N. Bukenov G.S., Kenshimov Ch.A.** Software solutions for the recognition	21
violent movements by video	31
Akhmetsadyk D.S., Ilyin A.M., Sagidolda E., Beall G. Functionalization of graphene oxide by nitrogen	43
Baidildina A., Akayev A., Duisembayeva G., Nurgaliyeva A., Yestauletova A., Karavaitseva L. Study the of low-voltage technology of led lighting for the increase of its efficiency	52
Doudkin M., Kim A., Yakovlev V., Rogovsky V., Vavilov A., Gurianov G., Kurmangaliyev T., Mlynczak M. Justification of the design and development of a new combined seeding section for working in the conditions of the agro-	
industrial complex of Kazakhstan	60
Zhakupova A.Ye., Turekhan D.S., Ramazanova Zh.M., Kalmanova D.M., Kalibekov D.M. Assessment study using an artificial satellite of the earth, which is used in the determination of grain crops in agriculture by remote sensing of the earth	74
Kabdolla M.O., Bakhbaeva S.A., Kalieva A.B., Arynova Sh.Zh. Assessment of distribution system considering	/ -
production and consumption waste based on remote sensing data at the territory of Pavlodar city	88
Kaliyev D.I., Shvets O.Ya., Györök G. Automated forest fire detection using fuzzy logic based image processing	00
method	95
Kanayev A.T., Moldakhmetova A.Ye., Remshev E.Yu. Evaluation of residual stresses in the rim of railway wheels by mechanical method	106
Karymsakova I.B., Bekenova D.B., Kenebayeva D.B., Adbibekova L.M., Kozhakmatova D.O. Features of constructing program movements using hermite splines of the third and fourth orders	114
Kurmanova D.T., Espolova Z.A., Uazirhanova Zh.K. Research of triple alloys for applications in the cjnstruction industri	126
Lekerova F.L., Alibekkyzy K., Azamatova Zh.K., Tulaev V.V., Koshekov A.K., Askaduly K. Geospatial digital twin of the near-airdrome ecological environment	137
Marat A.S., Rakhmetulayeva S.B. Analysis of video quality and its impact on face recognition for an online proctoring system	149
Nauryzbayev B.A., Akhmetova Zh.Zh., Pak N.I., Karipzhanova A.Zh. Influence of modern digital technologies on the process of students' memory	158
Rakhmetullina Zh.T., Soltanbekova K.K., Uvaliyeva I.M. Review of operator methods for solving differential	100
equations	167
Sagidugumar A.N. Obtaining calcium-phosphate coatings by microarc oxidation	177
Sadenova M.A., Beisekenov N.A., Kulenova N.A., Anuarbekov T.B., Mamysheva A.M., Shushkevich L.V. The use of artificial neural networks to improve the resolution accuracy of remote sensing information on the example of leg-	
ume crop cultivation in Eastern Kazakhstan Seifula G.N., Keribayeva T.B., Rysbekova A.A., Toilybai O., Abdimatova T.D. Analysis of the status and develop-	187
ment trends of aircraft maintenance and repair centers	203
Soltan A.V., Kylyshkanov M.K., Alibekkyzy K., Batalova M.Ye., Azamatova Zh.K., Ersainova Zh. Ye. Quantifying and predicting risks in the ore-stream management system	212
Syrnev B.V., Tuganbaev F.S., Sadibekov A.B., Ivashchenko Ye.N., Kulenova N.A., Sadenova M.A., Seraya N.V.	
Investigation of the nature of gold coins pitting corrosion	224
Uvaliyeva I.M., Bekbosynova Zh. Application of machine learning technology for COVID-19 diagnostics based on chest X-rays	236
Uvaliyeva I.M., Belginova S.A., Ismukhamedova A.M. Mathematical and computer modeling in the pharmaceutical industry	248
Khannanov R.R., Mihnev A.V. Geodetic survey of metal structures of the boiler unit of LLP «GRES Topar»	
When in A.V. Makhim P.E. Covers of analysis in the heigh wells of a five storay block of flats built in magnetain	257
Khapin A.V., Makhiev B.E. Causes of cracking in the brick walls of a five-storey block of flats built in mountain- ous terrain	265