	Page
Coology	5
Geology  M.Mizernaya, A.A.Khairullina, Z.I.Chernenko, E.V.Teut. Basic guidelines for East Kazakhstan schungite	5
	3
using V.A.Nesterovsky, A.M.Chupryna, M.V.Ruzina, Y.V.Soldatenko, A.El.Albani. Stratigraphic levels of vendian	12
(ediacaran) black shales of the Transdniestrian Podillia	12
Mining	20
R.M.Kondrat, N.S.Dremliukh, A.V.Uhrynovskyi. Study of foam formation process with use of water solutions	20
of foam-forming PAIRS and foam stabilizers	20
S.V.Biehichev, H.S.Ishutina, L.O.Chumak. Modelling geodetic network to improve reliability of surveying	26
providing of mining operations	
B.I.Rymarchuk, O.L.Shepel, M.V.Khudyk. Expediency of application of the vertical concentrated charges to	32
decrease losses of ore on a lying wall of deposits	
A.K.Sudakov, A.Yu.Dreus, O.Ye.Khomenko, D.A.Sudakova. Analytical study of heat transfer in absorptive	38
horizons of borehole at forming cryogenic protecting of the plugging material	
M.V.Filatiev. Determination of cross-correlation dependences between the parameters of swallies of the earth	43
surface and the movement of underworked rocks	
Geotechnical and mining mechanical engineering, machine building	49
O.I.Khytriak, L.F.Dziuba, I.V.Kuzio. The influence of viscoelastic properties of the belt on its dynamic	49
characteristics	
M.M.Pidhaietskyi, A.R.Aparakin. Dynamic and kinematic synthesis of the contour gear hobbing's system	54
V.P.Franchuk, K.A.Ziborov, V.V.Krivda, S.O.Fedoriachenko. On wheel rolling along the rail regime	62
with longitudinal load	
L.M.Vasiliev, D.L.Vasiliev, M.G.Malich, O.O.Anhelovskyi. Analytical method for calculating and charting	68
"stress-deformation" provided longitudinal form of destruction of rock samples	
Electrical complexes and system	75
V.F.Syvokobylenko. Determining equivalent circuit parameters of induction motor with deep bar rotor using	75
catalog data	
Power supply technologies	82
B.M.Politykin, O.D.Shtanko, M.B.Litvinova, S.O.Karpova. Energy recovery device for the internal	82
combustion engine	
V.G.Yagup, K.V.Yagup. Symmetrization of three-phase system with negative component filter using simulation	89
Environmental safety, labour protection	95
V.I.Golinko, S.I.Cheberiachko, O.O.Yavors'ka, V.V.Tykhonenko. Assessment of protection level of dust	95
respirators at coal mines	
M.M.Biliaiev, T.I.Rusakova, V.Ye.Kolesnik, A.V.Pavlichenko. Determination of areas of atmospheric air	100
pollution by sulfur oxide emissions from mining and metallurgical and energy generating enterprises	
Information technologies, systems analysis and administration	107
M.I.Horbiichuk, T.V.Humeniuk. Neural network identification technology for manufacturing operations of	107
drilling rig	
Economy and management	114
<b>H.L.Verbytska.</b> Improvement of the method of optimization of innovative risks at mining enterprises	114
under uncertainty	
<b>T.M.Mormul, Ye.V.Terekhov.</b> Environmental and economic estimation of technological solutions in terms of	122
land resource conservation in the process of open-cast mining	
V.S.Naumov, O.G.Kholeva. Forming the strategies of sustainable development of freight forwarders at	129
transportation market	
A.Yu.Zhulavskyi, D.O.Smolennikov, N.M.Kostyuchenko. Social and environmental responsibility strategies	134
of business	1.10
V.G.Shevchenko. Research on the influence of miners' energy expenditure on coal mining efficiency	140