

CONTENT

Geomechanics, Rock failure

- Mezhenov M.E., Zaytsev D.V., Kochanov A.N., Panfilov P.E.** Features of the destruction of rocks and inorganic materials of biological genesis in the water5
- Islamgaliev D.V., Glazachev I.V.** Assessment of change of ground subsidence under action of the stamp with considering the physical and geometric parameters of environment.....16
- Zhabko A.V., Zhabko N.M.** Calculation of safety criteria and critical values of controlled indicators during safety monitoring filling hydrotechnical structures.....25

Geotechnology

- Antropov L.A., Devyatkin Yu.A., Petrovykh L.V.** Methodology for determining the technical and economic indicator – the intensity process of scooping blasted rocks from the hillside waste.....39
- Valiev N.G., Golik V.I., Gabaraev O.Z., Lebzin M.S.** Algorithm for determining the efficiency of combining metamining technologies52

Mining industrial geology, Mining geophysics

- Surnev V.B.** Unified theory of scattering of conjugate wave fields by a localized object63
- Philatov V.V., Boltnova L.A., Vandysheva K.V.** Experience of studying territories with a high technogenic load (on the example of the Verkhnekamsk potash salt deposit)73
- Panyak S.G., Bobina T.S., Boltyrov V.B.** Geochemical criteria for the potential ore content of igneous and metamorphic rocks85
- Kozlov V.S.** The nature and degree of fracturing of the rock mass of gold and silver deposits of Okhotsk-Chukchi volcanic belt on the example of Primorsky deposit.....95

Mining machinery

- Simisinov D.I., Volkov E.V., Afanasyev A.I., Zubov V.V.** Test bench for determining the moment of friction rolling bearings of cone drill bit106

Safety in emergency

- Makarov V.N., Ugolnikov A.V., Makarov N.V., Filatov A.M.** Surface adhesion barrier management in dust suppression at mining enterprises114
- Makarov V.N., Ugolnikov A.V., Makarov N.V., Churakov E.O.** Criterion equation for the energy efficiency of coal dust precipitation.....126
- Gainullin T.F., Mikheeva E.V., Arkhipov M.V.** Analysis of gas and smoke protection service units work in the conditions of emergency situation elimination in the subway137

Geoinformatics

- Abdrakhmanov M.I., Lapin S.E., Shnaider I.V.** Creation of a digital model of extraction pillar by the reflection seismic surveying method148
- Velikanov V.S., Bochkov V.S., Dyorina N.V., Bochkova K.V.** Digital image processing for assessing the liner armor condition of cone crushers.....159