

# CONTENT

<i>Maksymova E.O.</i> Principle of choice development schemes natural deposits of gas hydrates based analysis of heat transfer processes .....	275
<i>Mandrikevych V.M.</i> The interaction of two explosion charges on stage of development of their gas voids .....	283
<i>Biletskyi V.S., Bondarenko V.I., Gaiko G.I.</i> Development of ukrainian mining terminology in encyclopedia .....	289
<i>Symanovych G.A., Chervatiuk V.G., Snigur V.G., Malykhin O.V.</i> Displacement mechanism of above-the-coal strata and loading on support along extraction mine working behind the longwall .....	299
<i>Kravets V.G., Gaiko G.I., Zaichenko S.V., Stovpnyk S.M.</i> Progressive method of anchor-concrete support of capital mine workings and tunnels .....	307
<i>Kovalevska I.A., Malykhin O.V., Gusiev O.S., Movchan V.S.</i> Research and calculation of side anchors that are set at a height of roof brushing in excavation .....	313
<i>Novikov O.O., Gladkii S.Yu.</i> Mathematical model of deformation state of rock wall in workings, tip by anchors .....	319
<i>Felonenko S.V., Gubkina V.V.</i> The stability research of complete hydraulic sections of mechanized roof support .....	327
<i>Kasian M.M., Nosach O.K., Sakhno I.G.</i> Research of influence the degree of coal moisture saturation, the hydroprocessing edge portion of the formation on the stress-strain state .....	335
<i>Rudakov D.V., Perkova T.I.</i> Evaluation of permeability changes of clayey screen below impoundments of mineralized mine water .....	341
<i>Solodianska O.V., Vygodin M.O., Prokudin O.Z.</i> Mine research of geomechanical processes during extended workings in complicated geological conditions of the SSC "Mine named after Geroiv Kosmosu" .....	349
<i>Rakishev B.R., Kovrov O.S., Fedotov V.V.</i> Geomechanical assessment of reinforcing properties of the lignosa root systems on the hillsides and technogenic slopes .....	355
<i>Kasian M.M., Nosach O.K., Liashchenko M.O.</i> Stress state simulation of interchamber pillars of Artemivsk salt deposits .....	363
<i>Vlasov S.F., Vlasov V.S.</i> Substantiation of volumetric modeling of rock massif around mine working and development workings .....	367
<i>Filatiev M.V., Antoshchenko M.I., Gasiuk R.L., Pyzhov S.V.</i> Scheme generalized displacement undermined by coal beds rocks and earth surfac .....	375
<i>Vlasov S.F., Vlasov V.S.</i> Research of roof rocks falling mechanism on a volumetric model of a layered transversal-isotropic massif during stope movement .....	383