## **CONTENT**

Khalimendyk V.Yu. Increasing of application effectiveness of frame supports on coal mines of Ukraine
Astafiev D.O. On the question of reuse mine workings protection during selective technology of coal extraction
Rastsvietaiev V.O. Prospects of transport and technological systems improvement during
performing of mounting/dismounting operations in conditions of Western Donbass mines
Petrov S.A. Application of resin for roof rocks strengthening in stoping faces
Ivanov I.Ye. Improvement of joint clamps of steel supports from special concave profile (SCP)
Demydov M.S., Shapovalov Ya.A., Astafiev D.O., Demchenko Yu.I. About regularities of technological parameters influence on accident-free mining of flat coal seams by plow systems
Solodiankin O.V., Vygodin M.O., Korobchenko V.V., Smirnov A.V., Prokudin O.Z. Improvement of skin grouting technology in complicated geological conditions of Western Donbass mines
Shyrin A.L. Research results of visually-optical method of diagnostics rock unloading process from mine wagons
Biletskyi V.S., Gaiko G.I. Agricola and his fundamental work "De Re Metallica" (the exit of the first ukrainian-language edition)
Kolosov V.O., Stupnik M.I., Kalinichenko V.O. Condition and prospects of Ukrainian mining industry development
Stupnik M.I., Kalinichenko V.O., Kolosov V.O., Bah I., Pozdniakov V. Key aspects of the formation of underground points for maintenance and refueling of mining self-propelled equipment
Shvydko P.V. Directions of raw materials base development of nuclear energy in Ukraine
Portnov V.S., Yurov V.M., Kamarov R.K., Brazhanova D.K. Estimation of mineral resources by means of physical and geophysical methods
Kononenko M.M., Petlyovanyi M.V. Stress-strain state of rock massif and backfill around chambers of second stage mining
Solodiankin O.V., Yankin O.Ye. Quality improvement of vertical shafts outlining at blast-hole drilling
Kryzhanivskyi Ye.I. The degradation of materials for oil and gas facilities and longterm operation and ways to ensure their health
Shyrin L.N., Lytvyn A.D. Increasing of gas extraction and transportation systems effectiveness in conditions of Proletarskyi undergroung gas storage facility