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Nota di contenuto	Front Cover; Table of contents; Efficiency increase of heat pump technology for waste heat recovery in coal mines; Anchor's strengthening of rock walls of extraction mine workings; Digging plasticity water-saturated soils; Substantiating parameters of process design of contiguous seam mining in the Western Donbas mines; An overview and prospectives of practical application of the biomass gasification technology in Ukraine; A method for evaluation of tailings hazard; Features of underlying levels opening at "ArsellorMittal Kryvyi Rih" underground mine Increasing of yielding of frame-anchor support steadinessSolution of nonlinear programming problem by Bellman method while optimizing the two-level mining of benches in deep open pits; Application of the Pert method in parameters matching within the evaluator group module; On the issue of analytical and empirical criteria application for rock failure assessment; Rock state assessment at initial stage of

longwall mining in terms of poor rocks of Western Donbass; Study of dust cloud spraying parameters in terms of its suppression
Technological and environmental aspects of the liquidation of coal mines
Application of temporary stall timbering works roadway in the process of roadway development while using continuous mining method; Assessment of economic efficiency AMS-A (anchor - meshwork - shotcreting) support structure in terms of coal mines; Development the concept of borehole underground coal gasification technology in Ukraine; Analytical, laboratory and bench test researches of underground coal gasification technology in National Mining University
Results of applying drilling and injection technologies for strengthening soil massif
Sorbents of purify mine waters; Use of geographic information systems at creation three-dimensional models of mine objects; The results of gas hydrates process research in porous media; Methodological approach to the development of gas hydrate deposits; Stress-and-strain state of rock mass around the working behind the longwall face; Current condition of damaged lands by surface mining in Ukraine and its influence on environment
Effective technology of stripping operations in deep coal opencasts with railway and auto truck transport
Mathematic model for parameter matching in evaluators group model with application of the distributed information processing principle; Improving enhancing methods of instrumental monitoring of rock mass geodynamics at mining ferruginous quartzite in open pits; The monitoring of earth surface displacements during the subsoil development; Determination of borehole parameters for the degassing of underworked coal seams
Analysis of current trends in development of mine hoists design engineering
