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Key words: economic risk, coal mines, assessment, forecasting, neuron network model

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Key words: updating of management technologies, prime constituents (factors) of economic mechanism, short cycle problems, long cycle problems.

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Key words: quality management system, measures of efficiency, efficiency criteria, quality policy, process-based approach, monitoring, quality day, audit, certification.

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Key words: geoecology, crack, subsidence, environment, geodynamic zoning.

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Key words: Mathematical model, rock massif, structural block, coal stratum, deads, adjacent strata, geologic fault, finite difference method, theory of elasticity selvage problem, synthesis, gravitation.

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Categorization oil layer is considered In article on average factor of productivity of the bore holes, providing eight classes, as from hyper productive before layer with ultra low by productivity. Considered signs of hard extraction oil stocks.

Key words: categorization oil layer, factor to productivity, hard extraction oil stocks, lateral heterogeneity of reservoir, stratified heterogeneity of reservoir, initial oil saturation of layers, high viscous oil.

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Key words: utilization, clay, enrichment waste, tailings.

Osipov Yu.V., Koshelev A.E. BUILDING PASSPORTS STRENGTH OF ROCK SALT WITH A GRAPHICAL ENVIRONMENT COREL DRAW **393**

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Key words: rock salt, passport strength, main stresses.

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Key words: modeling, coal measure rocks, initial conditions.

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Cheremhina A.P. ENIGINEERING GEOLOGICAL RESEARCH FOR THE PURPOSE OF PROOF OF SAFE CONDITIONS OF REMOVING OF OVERBURDEN HYDRAULIC FILLS FROM LONG-TERM STORAGE **406**

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Key words: hydraulic fill, removing from storage, engineering geological research.

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Key words: briquetting, binder, briquette strength, coal slime, fuel briquette coal riddling, extrusion, pressing.

- Zatulovskiy K.A., Firsov A.Yu.** MODELING AND MANAGEMENT OF CONDENSATION PROCESS **169**
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Key words: thickener, CFD modelling, hindering settling factor, compressive yields stress, control system, GE Proficy Troubleshooter.
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- Kuzmin I.V.** TECHNOLOGICAL EVALUATION OF ROLLER-PRESS APPLICATION IN COMMINUTION FLOW SHEETS OF OXIDIZED FERRUGINOUS QUARTZITES **263**
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Key words: ecological hazard, ecological safety, negative impact on the environment, assessment of environmental hazard, integral criterion.
- Savenok O.V.** THE ANALYSIS BASE RESEARCH AND SCIENTIFICALLY-METHODICAL DECISIONS APPLICABLE IN COMPLICATED CONDITION OF THE PRODUCTION. SYSTEM DEVELOPMENT TO CATEGORIZATIONS OF THE METHODS AND TECHNOLOGY **361**
In article is organized analysis base research and scientifically-methodical decisions applicable in complicated condition of the production. It Is Shown that physicochemical methods present itself efficient instrument of increasing oil recovery when hard extraction oil stocks production, as well as at construction of the bore holes in complex is blazed-geological condition and at exploitation of the bore holes in complicated condition. Introduces that potential physicochemical methods far from exhausted, but opposite, has a good outlook for expansion and qualitative renovation. The main trend of the development physicochemical methods consists in more deep study of the application do-

main – a composition and characteristic to oils, features argillaceous deposits and etc., and in creation corresponding to methods and technology with use physicochemical approach in combination with the other methods.

Key words: complicated conditions of the production, methods of the increase oil recovery, hard extraction oil stocks, oil recovery factor, categorization physico-chemical methods, methods of the address influence, complex and scientifically-methodical decisions.

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