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- Key words:* organic luminophors, light source, OLED, energy efficiency.
- Bogomolov V.A.** DEVELOPMENT OF THE PROCEDURE FOR GRAVITY PRECONCENTRATION OF ORE WITH FREE GOLD FOR HIGHER RELIABLE INTERPRETATION OF GOLD PRESENCE **338**
- For ores containing free gold, developed a methodology for quickly preparation of samples for reliable determination of its content. The method is based on gravitational allocation of free gold from the milled ore into concentrate, receiving poor tails, analysis, and then calculating the gold content by the balance of these products.*
- Key words:* gold ores, free gold, gravity concentration, "running wave" concentrator.
- Ivochkina M.A.** GEOTECHNICAL PROVIDING STABILITY OF PHOSPHOGYPSUM DUMPS IN TOWN VOSKRESENSK **345**
- Features of geotechnical conditions of the phosphogypsum dumps' forming in town Voskresenske were considered. It is marked, the waste production of phosphate fertilizers is forming of two sorts: dihydrate and hemihydrate calcium sulphite. Reviewed*

<p>phase transition of hemihydrate calcium sulfate in dihydrate. The results of studying the phosphogypsums' physical-mechanical properties are given.</p> <p>Key words: dihydrate phosphogypsum, hemihydrate phosphogypsum, dumps, geotechnical conditions, physical - mechanical properties.</p> <p>Kaplunov V.Yu. DETECHOGENISATION SAILINGS OF THE LIQUIDATED INES TAKING INTO ACCOUNT GEODYNAMIC CONDITIONS.....</p> <p>Prior to the beginning of liquidation of mines in territories in coal regions of Russia adverse anthropogenous conditions were generated. The basic negative factor influencing environment, it is defined slag-heap formation. During liquidation of coal manufactures it is required detechnogenisation sailings. The account of geodynamic conditions of environment surrounding them is thus necessary. A seminar № 12.</p> <p>Key words: detechnogenisation, anthropogeny, mines, sailings, geodynamic conditions.</p>	350
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