

Contents

| | |
|--|------------|
| Eva Beňová, Jaroslava Koudelková, Pavel Prokop and Pavel Danihelka: The analysis of the risks of the firedamp leakage at the Ostrava-Karvina mine district | 85 |
| Pavel Horovčák and Ján Terpák: The application of service oriented architecture in calculation of thermochemical properties in web service form | 92 |
| Marian Šofranko, Viera Lištiaková and Michal Žilák: Optimizing transport in surface mines, taking into account the quality of extracted raw ore | 103 |
| Jaroslav Dvořáček, Radmila Sousedíková, Pavel Barták, Jiří Štěrbá and Kamil Novák: Forecasting companies' future economic development | 111 |
| Vlastimil Hudeček, Kristýna Černá and Zdeněk Adamec: Utilization of result of trial seeding experimental plots in the course of rehabilitation of central tailing heap of Ján Šverma mine in Žacléř | 119 |
| Abdullah Obut: Leaching of celestine concentrate and reagent grade SrSO_4 with oxalate solutions | 126 |
| Jana Ficeriová and Peter Baláž: Electrolysis of gold from filtration waste by means of mechanical activation | 132 |
| Zdenka Bujňáková, Erika Turianicová and Peter Baláž: Arsenic sorption on mechanically activated magnetite and olivine | 137 |