

Contents

Yasemin Sisman, Aslan Dilaver and Sebahattin Bektas: Outlier Detection in 3D Coordinate Transformation with Fuzzy Logic	1
Slavomír Labant, Gabriel Weiss, Pavel Kukučka and Peter Harman: Processing of a geodetic network determined in ETRS-89 with application of different cofactors	9
Vincent Šoltés and Martina Rusnáková: Long Combo strategy using barrier options and its application in hedging against a price drop	17
Tevfik Agacayak and Veysel Zedef: Dissolution kinetics of a lateritic nickel ore in sulphuric acid medium	33
Jana Ficeriová: Mechanical activation and electrolysis of gold from goldsmith's waste	42
Katarína Jablonovská, Zuzana Pállová and Iveta Štyriaková: Bioleaching of Zn, Ni and Fe from contaminated sediments of water reservoir Ružín I with using heterotrophic bacterial strains	47
Milota Kováčová, Michal Lovás and Štefan Jakabský: Glassceramics from Industrial Waste Prepared in a Microwave Furnace	51
Daniel Kupka, Zuzana Pállová, Andrea Hornáková, Marcela Achimovičová and Viktor Kavečanský: Effluent water quality and the ochre deposit characteristics of the abandoned Smolník mine, East Slovakia	56
Milan Labaš, František Krepelka and Lucia Ivaničová: Assessment of abrasiveness for research of rock cutting	65
Alena Luptakova and Eva Macingova: Alternative substrates of bacterial sulphate reduction suitable for the biological-chemical treatment of acid mine drainage	74
Katarína Štefušová, Miroslava Václavíková, Michal Lovás and Slavomír Hredzák: Use of magnetic filtration in waste water treatment	81