

Contents

Michaela Horňáčková, Jozef Plavčan, Zuzana Grolmusová, Jakub Hulík, Patrik Konečný, Ivan Holický and Pavel Veis: Analysis of acid pitchstone (Iceland) using laser induced breakdown spectroscopy (LIBS)	1
Žofia Kuzevičová, Marcela Gergeľová, Jana Naščáková and Štefan Kuzevič: Proposal of methodology for determining of potential residual biomass for agriculture and forestry in Slovak Republic	9
Judith Prieto Méndez, Francisco Prieto García, Otilio Arturo Acevedo Sandoval and María Aurora Méndez Marzo: Correlation of moisture, pH and zeta potential (ζ) in sandy-clay-loam soils of the southern state of Hidalgo, Mexico	17
Andrea Rosová, Michal Balog and Žofia Šimeková: The use of the RFID in rail freight transport in the world as one of the new technologies of identification and communication	26
Janka Šaderová and Peter Kačmár: The simulation model as a tool for the design of number of storage locations in production buffer store	33
Saša Stojadinović, Miodrag Žikić, Radoje Pantović, Igor Svrkota and Dejan Petrović: High slope waste dumps – a proven possibility	40
Milan Javurek, Ivan Taufer: Components of program for analysis of spectra and their testing	52
Lacezar Licev, Marek Babiuch, Radim Farana and Jan Tomecek: Software analysis of mining images for objects detection	59