## **Contents**

| Yaşar Kasap, Sunay Beyhan and U.'Emre Karataş: The effects of breakdown and delay times on TBM progress efficiency  | 207 |
|---|-----|
| <b>Cvjetko Stojanović</b> : Evaluating investment projects in mining industry by combining discount method and real option valuation  | 217 |
| Marcela Gergel'ová, Žofia Kuzevičová, Štefan Kuzevič and Jana Sabolová: Hydrodynamic modeling and GIS tools applied in urban areas  | 226 |
| Roland Weiss, Slavomír Labant, Jozef Zuzik and Ladislav Mixtaj: Application of GNSS and GIS in mining tourism   | 234 |
| <b>Sedat Doğan</b> : Calibration of figital cmateur eameras for aptical 3D o easurements y ith glementwise weighted total least squares (EW-WTLS) and classical least squares: a comparison | 239 |
| <b>Radim Čajka</b> : Analytical derivation of friction parameters for FEM calculation of the state of stress in foundation structures on undermined territories                             | 254 |
| Józef Kabiesz, Beata Sikora, Marek Sikora and Łukasz Wróbel: Application of rule-based models for seismic hazard prediction in coal mines   | 262 |