

## CONTENTS

<i>J. Bogusz, M. Figurski, K. Kroszczyński and K. Szafranek:</i> INVESTIGATION OF ENVIRONMENTAL INFLUENCES TO THE PRECISE GNSS SOLUTIONS. ....	5–15
<i>R. Gaždová, O. Novotný, J. Málek, J. Valenta, M. Brož and P. Kolínský:</i> GROUNDWATER LEVEL VARIATIONS IN THE SEISMICALLY ACTIVE REGION OF WESTERN BOHEMIA IN THE YEARS 2005–2010 .....	17–27
<i>J. Adamovič, R. Mikuláš, J. Schweigstillová and V. Böhmová:</i> POROSITY CHANGES INDUCED BY SALT WEATHERING OF SANDSTONES, BOHEMIAN CRETACEOUS BASIN, CZECH REPUBLIC. ....	29–45
<i>M. Ritz, L. Vaculíková and E. Plevová:</i> APPLICATION OF INFRARED SPECTROSCOPY AND CHEMOMETRIC METHODS TO IDENTIFICATION OF SELECTED MINERALS .	47–58
<i>L. Vaculíková, E. Plevová, S. Vallová and I. Koutník:</i> CHARACTERIZATION AND DIFFERENTIATION OF KAOLINITES FROM SELECTED CZECH DEPOSITS USING INFRARED SPECTROSCOPY AND DIFFERENTIAL THERMAL ANALYSIS .....	59–67
<i>T. Janda, M. Šejnoha and J. Šejnoha:</i> MODELING SUCCESSIVE EXCAVATION WITHIN TWO DIMENSIONAL FINITE ELEMENT MESH ANALYSES .....	69–78
<i>P. Straka:</i> KINETICS OF Fe-CATALYZED GASIFICATION OF CHARS FROM LIGNITE ADMIXTURES. ....	79–88
<i>V. Žežulka and P. Straka:</i> THE SUSPENDED MAGNETIC SEPARATOR WITH LARGE BLOCKS FROM NdFeB MAGNETS AND ITS LONG TERM TECHNOLOGICAL TESTS. ....	89–97