

CONTENTS

Jan Macuda Activation of a dewatering well with the SKINAUT clay mineral disintegration agent	5
Iwona Kowalska-Kubsik Simulations of the behavior of a pipeline made from three different types of materials on a landslide	11
Przemysław Toczek, Tomasz Kowalski, Rafał Artym Use of inclined boreholes as injection holes for filling backfill chambers	21
Adam Jan Zwierzyński Mathematical model to analyze the geometric limitations of mechatronic devices moving in curved pipe sections	27
Urszula Solecka Secondary arsenates from the Ľubietová-Svätodušná copper deposit in Slovakia	35
Krzysztof Skrzypaszek Possibilities of applying the extended Eyring rheological model in the technology of cement slurries used in oil drilling	43
Jan Macuda Evaluation of operating conditions of filtration columns of relief wells sited within the “Želazny Most” Mining Waste Disposal Facility	55
Michał Maruta Using surface geophysical methods to detect voids in the near-surface zone	63
Przemysław Toczek, Tomasz Kowalski, Krzysztof Skrzypaszek, Cezary Cały Investigation of soil conditions in a selected section of a railway cut as a basis for designing geoenvironmental works to improve their geotechnical parameters	73