

1. BOUNDARY CONDITIONS OF THE FROZEN BODY

Table of contents

1. BOUNDARY CONDITIONS OF THE FROZEN BODY	5
2. CURRENT CONDITIONS AND PROSPECTS FOR DEVELOPMENT OF LINING METHODS FOR VERTICAL SHAFTS IN DIFFICULT HYDRO-GEOLOGICAL CONDITIONS	16
3. SAME ASPECTS OF DESIGNING VERTICAL SHAFT SINKING DURING THEM SINKING BY GROUND FREEZING METHOD	27
4. ВЛИЯНИЕ УДАРНОГО ФРОНТА ВЗРЫВНОЙ ВОЛНЫ НА ГЕРМЕТИЧНОСТЬ ЗАМОРАЖИВАЮЩЕЙ КОЛОНКИ	44
5. THE SPATIAL DIGITAL INVENTORY OF MINING PLANT OBJECTS USING TERRESIAL LASER SCANNING TECHNOLOGY	56
6. GIS SYSTEMS IN POLISH COAL MINING	71
7. CURRENT AND FUTURE POSSIBILITIES OF USE ANDROID PLATFORM IN TRANSPORT WITH AUTHORS EXAMPLE	106
8. THE USE OF MAGNETIC PHENOMENA IN DIAGNOSTICS IN RAIL TRANSPORT – NEW POSSIBILITIES OF USING FERROFLUIDS	119