

# CONTENTS

<b>A. I. Egorov, P. E. Kashargin, S. V. Sushkov</b>	
Scalar multi-wormholes .....	5
<b>A. M. Baranov</b>	
The Phase Transitions in Gravitational and Electromagnetic Fields with relation Petrov's Algebraic Classification .....	15
<b>A. M. Baranov, N. N. Paklin</b>	
Method of generating solutions of Einstein's equations for spherically symmetric static distribution of perfect fluid .....	29
<b>M. P. Korkina, E. M. Kopteva</b>	
The mass function method for obtaining the exact solutions .....	38
<b>V. D. Gladush, A. I. Petrusenko</b>	
Additional symmetry of the spherically symmetric configurations, the conservation laws and their application .....	48
<b>A. V. Minkevich</b>	
Gauge approach to gravitation, physical spacetime and gravitational interaction .....	61
<b>I. V. Drobov, S. Ph. Tegai</b>	
Formation of thin shells from Lemaitre – Tolman – Bondi dust .....	72
<b>Yu. G. Ignat'ev</b>	
Nonequilibrium Kinetics Universe Models. I. Local Thermodynamics Conditions .....	79
<b>S. V. Siparov</b>	
Equivalence theory and its first results .....	99