

CONTENTS

<i>For hundredth anniversary of the general relativity</i>	5
V. G. Bagrov, V. A. Bordovitsyn, A. V. Kulikova	
Covariance problem in relativistic radiation theory	5
M. P. Korkina	
Famous exact solutions of General Relativity equations	19
I. R. Mubarakshin	
On the postulates of the special theory of relativity	24
<i>Original articles</i>	
32	
A. V. Belinsky, Ju. S. Vladimirov	
Relational-statistical nature of quantum theory laws	32
Yu. S. Vladimirov, D. A. Tereshchenko	
Relational-statistical justification of the hydrogen atom's $O(4)$ -symmetry	43
Yu. G. Ignat'ev, I. A. Kokh	
Diffuzion model of the cosmological evolution of ultrahigh-energy particles in the scaling conditions at unitary limit	54
M. A. Masterova, V. Ya. Epp	
Force free surface around a rotating magnetized celestial body	72
S. A. Podosenov, E. R. Men'kova	
Introduction into classical mezodynamics of bound nucleons	78