

# PHYSICS- USPEKHI

English edition of *Uspekhi Fizicheskikh Nauk*  
February 2003 Volume 173 Number 2

## Contents

<b>Volume 46</b> <b>Number 2</b> <b>2003</b> <b>Pages 117–226</b>	REVIEWS OF TOPICAL PROBLEMS	
	<b>Short-range order in strongly correlated Fermi systems</b>	117
	Yu B Kudasov	
	<b>Physical fundamentals of the generalized Boltzmann kinetic theory of ionized gases</b>	139
	B V Alekseev	
	<b>Critical exponents of a three-dimensional weakly diluted quenched Ising model</b>	169
	R Folk, Yu Holovatch, T Yavors'kii	
	INSTRUMENTS AND METHODS OF INVESTIGATION	
	<b>Excilamps: efficient sources of spontaneous UV and VUV radiation</b>	193
	M I Lomaev, V S Skakun, É A Sosnin, V F Tarasenko, D V Shitts, M V Erofeev	
	CONFERENCES AND SYMPOSIA	
	<b>Joint scientific session of the Physical Sciences Division of the Russian Academy of Sciences and the Joint Physical Society of the Russian Federation (30 October 2002):</b>	
	<b>Multidimensional models of particle physics</b>	211
	V A Rubakov	
	<b>Higher spin gauge theory</b>	218
	M A Vasil'ev	
	<b>Physics news on the Internet</b>	225
	Yu N Eroshenko	