

PHYSICS- USPEKHI

English edition of *Uspekhi Fizicheskikh Nauk*
November 2010 Volume 180 Number 11

Contents

Volume 53 Number 11 2010 Pages 1079–1196	<i>IN MEMORY OF VITALY LAZAREVICH GINZBURG</i>	
	From the Editorial Board	1079
	REVIEWS OF TOPICAL PROBLEMS	
	Rotational explosion mechanism for collapsing supernovae and the two-stage neutrino signal from supernova 1987A in the Large Magellanic Cloud V S Imshennik	1081
	Gravitational radiation of systems and the role of their force field A I Nikishov, V I Ritus	1093
	The quark–gluon medium I M Dremin, A V Leonidov	1123
	Electron–vibration interaction in tunneling processes through single molecules P I Arseev, N S Maslova	1151
	FROM THE HISTORY OF PHYSICS	
	My father and my family V L Ginzburg	1171
	About Ginzburg–Landau, and a bit about others E G Maksimov	1185

Continued overleaf

Contents continued

BIBLIOGRAPHY

New books on physics and related sciences	1191
M S Aksent'eva, E V Zakharova	
Physics news on the Internet	1195
Yu N Eroshenko	