

PHYSICS— USPEKHI

English edition of *Uspekhi Fizicheskikh Nauk*
September 1997 Volume 167 Number 9

Contents

Volume 40
Number 9
1997
Pages 869–974

REVIEWS OF TOPICAL PROBLEMS	
Small-scale structure of dark matter and microlensing	869
A V Gurevich, K P Zybin, V A Sirota	
Carbon nanotubes	899
A V Eletskii	
Cuprate superconductivity: some spectroscopic, structural, and chemical aspects	925
Ya S Bobovich	
Physics news on the Internet	950
Yu N Eroshenko	
PHYSICS OF OUR DAYS	
The anisotropy of properties of the Earth's inner core	951
V V Kuznetsov	
CONFERENCES AND SYMPOSIA	
Scientific session of the Division of General Physics and Astronomy of the Russian Academy of Sciences (23 April 1997): Structural investigation of single crystals and the structure–properties correlation	963
V I Simonov	

Continued overleaf

Contents continued

Quantum oscillations of resistance and magnetization in magnetic semiconductors and semimetals	966
A D Balaev, V V Val'kov, V A Gavrichkov, N B Ivanova, S G Ovchinnikov, V K Chernov	
New crystalline and amorphous carbon modifications produced from fullerite at high pressure	969
V V Brazhkin, A G Lyapin, S G Lyapin, S V Popova, R N Voloshin, Ya A Klyuev, A M Naletov, N N Mel'nik	
An experimental study of the optical isotropy of space	972
V V Ragul'skiĭ	