

PHYSICS- USPEKHI

English edition of *Uspekhi Fizicheskikh Nauk*
October 2000 Volume 170 Number 10

Contents

Volume 43
Number 10
2000

Pages 965–1070

REVIEWS OF TOPICAL PROBLEMS

High-temperature superconductivity: the current state 965
E G Maksimov

Spatio-temporal problems of locomotion control 991
V V Smolyaninov

FROM THE CURRENT LITERATURE

Spinning relativistic particles in external fields 1055
A A Pomeranskiĭ, R A Sen'kov, I B Khriplovich

BIBLIOGRAPHY

New books on physics and related sciences 1067
E V Zakharova

Physics news on the Internet 1069
Yu N Eroshenko

Contents

High-temperature superconductivity: the current state E G Maksimov	965
Spatio-temporal problems of locomotion control V V Smolyaninov	991
Spinning relativistic particles in external fields A A Pomeranskiĭ, R A Sen'kov, I B Khriplovich	1055
New books on physics and related sciences	1067
Physics news on the Internet	1069

◇ ◇ ◇

In the next issue

Two electron problem and the nonlocal equations of electrodynamics
O N Gadomskiĭ

Artificially ionized region as a source of ozone in the stratosphere
A V Gurevich, A G Litvak, A L Vikharev, O A Ivanov, N D Borisov,
K F Sergeĭchev

Holey fibers
A M Zheltikov

Long-range particle correlations and wavelets
I M Dremin

Isotope engineering
V G Plekhanov

Golden section in the Carnot cycle
V V Popkov, E V Shipitsyn

Personalia

New books on physics and related sciences

Physics news on the Internet

