

PHYSICAL REVIEW B

For editorial and subscription correspondence,
please see inside front cover
(ISSN: 0163-1829)

PERIODICALS

Postmaster send address changes to:
American Institute of Physics
500 Sunnyside Boulevard
Woodbury, NY 11797-2999

THIRD SERIES, VOLUME 54, NUMBER 9

CONTENTS

1 SEPTEMBER 1996-I

BRIEF REPORTS

Structure, structural phase transitions, mechanical properties, defects, etc.

Third-order elastic constants of bcc Cu-Al-Ni	6007
Alfons González-Comas and Lluís Mañosa	
Structure and disorder in YbInCu ₄	6011
J. M. Lawrence, G. H. Kwei, J. L. Sarrao, Z. Fisk, D. Mandrus, and J. D. Thompson	
Defect structure and Li-vacancy ordering in β -LiGa	6015
K. Kuriyama, H. Hamanaka, S. Kaidou, and M. Yahagi	
Elastic properties of terbium	6019
Y. I. Spichkin, J. Bohr, and A. M. Tishin	
Arrhenius conduction restored by positional ordering of anions in the one-dimensional conductor (TTF)(SCN) _{0.47} (NO ₃) _{0.10}	6023
Masagi Mizuno, Kazumasa Honda, Midori Gotoh, Hikari Nakayama, and Tokiko Uchida	
Phase transition in potassium dihydrogen phosphate induced by an applied static electric field	6027
S. G. C. Moreira, F. E. A. Melo, and J. Mendes Filho	
Multiphoton electron emission from Cu and W: An angle-resolved study	6031
Andrea Damascelli, Giuseppe Gabetta, Alberto Lumachi, Lorenzo Fini, and Fulvio Parmigiani	
Martensitic phase transformation and lattice dynamics of fcc cobalt	6035
B. Strauss, F. Frey, W. Petry, J. Trampenau, K. Nicolaus, S. M. Shapiro, and J. Bossy	

Inhomogeneous, disordered, and partially ordered systems

Importance of rings on the microscopic properties of a strong glass	6039
R. Fernández-Perea, F. J. Bermejo, and M. L. Senent	
Splitting patterns of the electronic energy spectrum of a class of one-dimensional generalized Fibonacci lattices ...	6043
Gi-Yeong Oh, Han-Yong Choi, and Min-Ho Lee	
Weak localization in an anisotropic crystal: Decagonal quasicrystal Al ₆₅ Cu ₁₅ Co ₂₀	6046
Q. Guo and S. J. Poon	
Homogeneous to inhomogeneous transition in charged colloids	6050
B. V. R. Tata and Norio Ise	

Dynamics, dynamical systems, lattice effects, quantum solids, etc.

Lattice dynamics of magnesium using pseudopotential and <i>ab initio</i> Hartree-Fock approaches	6054
F. Marinelli, M. Roche, I. Baraille, and C. Pouchan	

Magnetism

Heat-capacity comparison among the nanocrystalline, amorphous, and coarse-grained polycrystalline states in element selenium	6058
N. X. Sun and K. Lu	
Effective carrier doping by magnetic field into a pseudogapped state in CeNiSn: A Sn NMR study	6062
Ko-ichi Nakamura, Yoshio Kitaoka, Kunisuke Asayama, Toshiro Takabatake, Go Nakamoto, and Hironobu Fujii	



(Continued)

0163-1829(19960901)54:9;1-4