

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
Suite 1NO1
2 Huntington Quadrangle
Melville, NY 11747-4502

THIRD SERIES, VOLUME 64, NUMBER 13

CONTENTS

1 OCTOBER 2001-I

Announcement: Electronic-First Publication and Article Numbers i

BRIEF REPORTS

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

- Pressure-induced phase transitions in lanthanide monoantimonides with a NaCl-type structure (*4 pages*) 132101
Ichimin Shirotni, Junichi Hayashi, Keigo Yamanashi, Naoki Ishimatsu, Osamu Shimomura, and
Takumi Kikegawa
- Atomic defects in FeCo: Stabilization of the *B2* structure by magnetism (*4 pages*) 132102
M. Neumayer and M. Fähnle
- Coupled spherical pseudospin-phonon model and the pressure-temperature phase diagram of relaxor
ferroelectrics (*4 pages*) 132103
R. Blinc, V. Bobnar, and R. Pirc

Inhomogeneous, disordered, and partially ordered systems

- AgBr nanocrystals in glass: Optical and ODMR investigations (*4 pages*) 132201
Alfred P. Marchetti, Paul J. Rodney, and Wolf von der Osten
- Influence of *p-n* junction formation at a Si/Si:Er interface on low-temperature excitation of Er^{3+} ions in
crystalline silicon (*4 pages*) 132202
B. J. Pawlak, N. Q. Vinh, I. N. Yassievich, and T. Gregorkiewicz

Magnetism

- Rapid suppression of exchange bias across thin Au spacer layers (*4 pages*) 132401
M. Gruyters, M. Gierlings, and D. Riegel
- Colossal magnetoresistance in the layered chromium sulfide $\text{Cr}_2\text{S}_{3-x}$ ($x=0.08$) (*4 pages*) 132402
P. Vaqueiro, A. V. Powell, A. I. Coldea, C. A. Steer, I. M. Marshall, S. J. Blundell, J. Singleton, and
T. Ohtani
- Hyperfine interactions at $^{140}\text{Ce}(\leftarrow^{140}\text{La})$ in hexaboride (*4 pages*) 132403
M. Tanigaki, Y. Ohkubo, A. Taniguchi, Y. Kawase, and T. Sasanuma
- Design and preparation of a bulk magnet exhibiting an inverted hysteresis loop (*4 pages*) 132404
Shin-ichi Ohkoshi, Toshiya Hozumi, and Kazuhito Hashimoto
- O *K*-edge x-ray magnetic circular dichroism of atomic O adsorbed on an ultrathin Co/Cu(100) film:
Comparison with molecular CO on Co/Cu(100) (*4 pages*) 132405
Kenta Amemiya, Toshihiko Yokoyama, Yoshiki Yonamoto, Daiju Matsumura, and Toshiaki Ohta
- Low-temperature magnetic orientation noise in a colossal magnetoresistive film (*4 pages*) 132406
A. Palanisami, R. D. Merithew, M. B. Weissman, and J. N. Eckstein

