

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 56, NUMBER 9

1 SEPTEMBER 1997-I

Relation between the dielectric function and nuclear spin-lattice relaxation by thermal phase fluctuations of a pinned spin-density wave	5080
S. E. Brown, W. G. Clark, and G. Kriza	
High-temperature thermodynamics of the ferromagnetic Kondo-lattice model	5084
H. Röder, R. R. P. Singh, and J. Zang	
Magnetization-dependent behaviors of interband transitions between the exchange-split bands in doped manganite films	5088
Y. Moritomo, A. Machida, K. Matsuda, M. Ichida, and A. Nakamura	
Effect of A-site cation size mismatch on charge ordering and colossal magnetoresistance properties of perovskite manganites	5092
A. Sundaresan, A. Maignan, and B. Raveau	
Magnetoresistance and magnetic properties of epitaxial magnetite thin films	5096
G. Q. Gong, A. Gupta, Gang Xiao, W. Qian, and V. P. Dravid	
Anomalous reorientation phase transition of the magnetization in fct Ni/Cu(001)	5100
M. Farle, W. Platow, A. N. Anisimov, P. Pouloupoulos, and K. Baberschke	
Transport mechanisms in doped LaMnO ₃ : Evidence for polaron formation	5104
T. T. M. Palstra, A. P. Ramirez, S-W. Cheong, B. R. Zegarski, P. Schiffer, and J. Zaanen	

Superfluidity and superconductivity

Extended gapless regions in disordered $d_{x^2-y^2}$ wave superconductors	5108
Stephan Haas, A. V. Balatsky, Manfred Sigrist, and T. M. Rice	
Upper critical field in the extended saddle-point model	5112
A. A. Abrikosov	
Singularity-matching peaks in a superconducting single-electron transistor	5116
Y. Nakamura, A. N. Korotkov, C. D. Chen, and J. S. Tsai	
Small superconducting gap on part of the Fermi surface of YNi ₂ B ₂ C from the de Haas–van Alphen effect	5120
T. Terashima, C. Haworth, H. Takeya, S. Uji, H. Aoki, and K. Kadowaki	
Signatures for the second critical point in the phase diagram of a superconducting ring	5124
Jorge Berger and Jacob Rubinstein	
Sequential vortex states upon lattice melting in untwinned single-crystal YBa ₂ Cu ₃ O ₇	5128
Takekazu Ishida, Kiichi Okuda, and Hidehito Asaoka	
Absence of effect of paramagnetic impurities on flux quantization in superconductors	5132
Dragomir Davidović and M. Tinkham	
Phase diagram for a driven vortex lattice in layered superconductors	5136
I. Aranson, A. Koshelev, and V. Vinokur	
Field-induced variations of the microwave surface impedance of YBa ₂ Cu ₃ O ₇ crystals near T_c	5140
A. Agliolo Gallitto, I. Ciccarello, M. Guccione, M. Li Vigni, and D. Persano Adorno	
Superconductivity and magnetism in $(R_{1.5-x}Pr_xCe_{0.5})Sr_2Cu_2NbO_{10-\delta}$ ($R = Nd, Sm, Eu$): Criteria for modeling the suppression of superconductivity by Pr in high- T_c cuprates	5144
T. J. Goodwin, H. B. Radousky, and R. N. Shelton	

ARTICLES

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

High-pressure boron hydride phases	5148
T. W. Barbee III, A. K. McMahan, J. E. Klepeis, and M. van Schilfgaarde	
Time-resolved electron microscopy by means of electron counting	5156
Nobuyuki Osakabe, Tetsuji Kodama, and Akira Tonomura	

(Continued)