

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 63, NUMBER 13

1 APRIL 2001-I

Magnetism

Linear-response calculation of dynamical spin susceptibility in doped CaCuO_2 (4 pages)	132401
V. S. Oudovenko and S. Savrasov	
Spin and charge response to magnetic frustration in strongly correlated itinerant electron systems (4 pages) ...	132402
Yang Liu and Changfeng Chen	
Effect of a magnetic field on an $E \otimes \epsilon$ Jahn-Teller system: Berry phase and optical properties (4 pages)	132403
G. Bevilacqua, L. Martinelli, and G. Pastori Parravicini	
Competition of charge, orbital, and ferromagnetic correlations in layered manganites (4 pages)	132404
D. B. Romero, Y. Moritomo, J. F. Mitchell, and H. D. Drew	
Spin-charge decoupling and orthofermi quantum statistics (4 pages)	132405
A. K. Mishra	
O(Mn) vibrational bands in double-layered manganites: First and second order Raman scattering (4 pages) ...	132406
A. E. Pantoja, H. J. Trodahl, A. Fainstein, R. G. Pregliasco, R. G. Buckley, G. Balakrishnan, M. R. Lees, and D. McK. Paul	
Magnetic contribution to the resistivity noise in a $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ film grain boundary (4 pages)	132407
R. Mathieu, P. Svedlindh, R. Gunnarsson, and Z. G. Ivanov	
Magnetic phase diagram of the diluted metamagnet $\text{Fe}_{0.95}\text{Mg}_{0.05}\text{Br}_2$ (4 pages)	132408
H. Aruga Katori, K. Katsumata, O. Petravic, W. Kleemann, T. Kato, and Ch. Binek	
Magnetism of Invar alloys under pressure examined by inelastic x-ray scattering (4 pages)	132409
J. P. Rueff, A. Shukla, A. Kaprolat, M. Krisch, M. Lorenzen, F. Sette, and R. Verbeni	

Superfluidity and superconductivity

Vortex interaction in a finite-sized array of Josephson junctions (4 pages)	132501
J. Yi, Sung-Ik Lee, and Seunghwan Kim	
Fermi surface and superconducting gap in superstructure-free $\text{Bi}_{1.80}\text{Pb}_{0.38}\text{Sr}_{2.01}\text{CuO}_{6-\delta}$ (4 pages)	132502
T. Sato, T. Kamiyama, Y. Naitoh, T. Takahashi, I. Chong, T. Terashima, and M. Takano	
Effect of spin fluctuations on the c-axis thermoelectric power in underdoped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_{4+\delta}$ (4 pages)	132503
Lou Ping	
Phase transitions driven by vortices in two-dimensional superfluids and superconductors: From Kosterlitz-Thouless to first order (4 pages)	132504
G. Alvarez and H. Fort	
Study of the multicritical point in the vortex phase diagram ($H \parallel c$) of a weakly pinned crystal of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ (4 pages)	132505
D. Pal, S. Ramakrishnan, A. K. Grover, D. Dasgupta, and Bimal K. Sarma	
Theory of nuclear spin-lattice relaxation in $\text{YBa}_2\text{Cu}_3\text{O}_7$ (4 pages)	132506
A. Yu. Zavidonov and D. Brinkmann	
Optical Cooper pair breaking spectroscopy of cuprate superconductors (4 pages)	132507
Y. G. Zhao, Eric Li, Tom Wu, S. B. Ogale, R. P. Sharma, T. Venkatesan, J. J. Li, W. L. Cao, C. H. Lee, H. Sato, and M. Naito	
Tunneling-charging Hamiltonian of a Cooper-pair pump (4 pages)	132508
M. Aunola	
Maximum-entropy muon-spin-resonance analysis of $\text{R}\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ vortex states: A d-wave study (4 pages) ..	132509
R. Santiago, A. Childers, and C. Boekema	

(Continued)