

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 63, NUMBER 17

1 MAY 2001-I

Magnetism

Structural and magnetic properties of $\text{Pr}_{1+x}\text{Ba}_{2-x}\text{Cu}_3\text{O}_{7+y}$ (4 pages)	172401
S. R. Hwang, W.-H. Li, K. C. Lee, J. W. Lynn, H. M. Luo, and H. C. Ku	
Quantum Heisenberg model with long-range ferromagnetic interactions: A Green's function approach (3 pages)	172402
M. Hamedoun, Y. Cherriet, A. Hourmatallah, and N. Benzakour	
Disorder-induced ferromagnetism in CaRuO_3 (4 pages)	172403
T. He and R. J. Cava	
Electronic and magnetic properties of FeBr_2 (4 pages)	172404
Z. Ropka, R. Michalski, and R. J. Radwanski	
Sign reversal of the orbital moment via ligand states (4 pages)	172405
I. Galanakis, P. M. Oppeneer, P. Ravindran, L. Nordström, P. James, M. Alouani, H. Dreysse, and O. Eriksson	
All-electron and pseudopotential study of the spin-polarization of the V(001) surface: LDA versus GGA (4 pages)	172406
R. Robles, J. Izquierdo, A. Vega, and L. C. Balbás	
Observation of enhanced magnetic transition temperature in Nd_2PdGe_3 and superconductivity in Y_2PdGe_3 (4 pages)	172407
Subham Majumdar and E. V. Sampathkumaran	
Phase separation and low-field bulk magnetic properties of $\text{Pr}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ (5 pages)	172408
I. G. Deac, J. F. Mitchell, and P. Schiffer	
Temperature dependence of the electron paramagnetic resonance linewidth in NaV_2O_5 (4 pages)	172409
A. A. Zvyagin	
^{171}Yb and ^{63}Cu magnetic resonance studies on the fluctuating valent compound YbInCu_4 (4 pages)	172410
T. Koyama, M. Matsumoto, S. Wada, and J. L. Sarrao	
Bulk experimental evidence of half-metallic ferromagnetism in doped manganites (4 pages)	172411
Guo-meng Zhao, H. Keller, W. Prellier, and D. J. Kang	
Chiral universality class behavior of a nonchiral antiferroquadrupole system (4 pages)	172412
M. Žukovič, T. Idogaki, and K. Takeda	
Ferromagnetic suppression of the charge-ordering temperature in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ (4 pages)	172413
Younghun Jo, J.-G. Park, Chang Seop Hong, N. H. Hur, and H. C. Ri	
Magnetic excitations in the quantum spin system TlCuCl_3 (4 pages)	172414
N. Cavadini, G. Heigold, W. Henggeler, A. Furrer, H.-U. Güdel, K. Krämer, and H. Mutka	
Phenomenological model for colossal magnetoresistance in optimally doped manganese perovskites (4 pages)	172415
S. L. Yuan, Z. Y. Li, W. Y. Zhao, G. Li, Y. Jiang, X. Y. Zeng, Y. P. Yang, G. Q. Zhang, F. Tu, C. Q. Tang, and S. Z. Jin	
Pressure-induced transitions in single-crystal $\text{La}_{0.84}\text{Sr}_{0.16}\text{MnO}_3$ (4 pages)	172416
J.-S. Zhou, G.-L. Liu, and J. B. Goodenough	
Derivation of the basic system of kinetic equations governing superparamagnetic relaxation by the use of the adjoint Fokker-Planck operator (4 pages)	172417
J. L. García-Palacios and P. Svedlindh	
Hydrogen-induced structural and valence change in CeIrAl (4 pages)	172418
S. K. Malik, P. Raj, A. Sathyamoorthy, K. Shashikala, N. Harish Kumar, and Latika Menon	
Mesososcopic and microscopic phase segregation in manganese perovskites (4 pages)	172419
P. G. Radaelli, R. M. Ibberson, D. N. Argyriou, H. Casalta, K. H. Andersen, S.-W. Cheong, and J. F. Mitchell	

(Continued)