

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 60, NUMBER 21

1 DECEMBER 1999-I

Quantum spin ladder with dynamic phonons: Bound states of magnons and phonons	14 517
O. P. Sushkov	
Susceptibility behavior of CuGeO_3 : Comparison between experiment and the quantum transfer-matrix approach ...	14 521
G. Kamieniarz, M. Bieliński, and J.-P. Renard	
Decay of the metastable phase in $d=1$ and $d=2$ Ising models	14 525
S. B. Rutkevich	
Haldane gap for the $S=2$ antiferromagnetic Heisenberg chain revisited	14 529
Xiaoqun Wang, Shaojing Qin, and Lu Yu	
Tetragonal magnetic states of Fe and Mn	14 533
S. L. Qiu and P. M. Marcus	
Scaling behavior in the Ce-based Kondo semiconductors: NQR/NMR measurements of CeRhSb and CeNiSn under high pressures	14 537
K. Ikushima, H. Yasuoka, Y. Uwatoko, and Y. Isikawa	
Magnetic glass behavior and magnetoresistive properties of perovskite cobaltites $\text{La}_{0.7}\text{Sr}_{0.3}\text{Co}_{1-y}\text{Ga}_y\text{O}_3$	14 541
Zhi-Hong Wang, Xin Chen, Bao-Gen Shen, Yi-De Zhang, Jian-Wang Cai, Run-Wei Li, Jian-Gao Zhao, and Wen-Shan Zhan	
Phase separation in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ observed by ^{55}Mn and ^{139}La NMR	14 545
Joonghoe Dho, Ilryong Kim, and Soonchil Lee	
Berry phase and its induced charge and spin currents in a ring of a double-exchange system	14 549
Shi-Dong Liang, Shun-Qing Shen, and Z. D. Wang	
Effects of the environment on nonadiabatic magnetization process in uniaxial molecular magnets at very low temperatures	14 553
Keiji Saito, Seiji Miyashita, and Hans De Raedt	
Time-dependent heat capacity of Mn_{12} clusters	14 557
M. Sales, J. M. Hernandez, J. Tejada, and J. L. Martínez	
Spin-glass behavior in CoSt_2 Langmuir-Blodgett multilayer films	14 561
E. Hatta, T. Maekawa, K. Mukasa, and Y. Shimoyama	
Magnetomechanical damping in a nanocrystalline two-phase composite	14 565
S. E. Urreta, H. Salva, A. Ghilarducci, O. V. Billoni, L. M. Fabietti, and H. R. Bertorello	
Spin-wave contributions to nuclear magnetic relaxation in magnetic metals	14 569
V. Yu. Irkhin and M. I. Katsnelson	
Superfluidity and superconductivity	
Vortex in the charged Bose liquid	14 573
A. S. Alexandrov	
Vortex dynamics of a $d+is$ -wave superconductor	14 577
Qunqing Li, Z. D. Wang, and Qiang-Hua Wang	
Multiquantum vortices in superconductors: Electronic and scanning tunneling microscopy spectra	14 581
S. M. M. Virtanen and M. M. Salomaa	
Spin-fluctuation exchange study of superconductivity in two- and three-dimensional single-band Hubbard models	14 585
Ryotaro Arita, Kazuhiko Kuroki, and Hideo Aoki	
Low-energy quasiparticle transport through Andreev levels	14 589
A. Kadigrobov, L. Y. Gorelik, R. I. Shekhter, M. Jonson, R. Sh. Shaikhaidarov, V. T. Petrashov, P. Delsing, and T. Claeson	
Resonant transmission of normal electrons through Andreev states in ferromagnets	14 593
A. Kadigrobov, R. I. Shekhter, M. Jonson, and Z. G. Ivanov	
Vortex density of states and absorption in clean layered superconductors	14 597
A. A. Koulakov and A. I. Larkin	

(Continued)