PHYSICAL REVIEW B

For editorial and subscription correspondence,
please see inside front cover
(ISSN: 1098-0121)

PERIODICALS
Postmaster send address changes to:
APS Subscription Services
Suite 1NO1
2 Huntington Quadrangle
Melville, NY 11747-4502

THIRD SERIES, VOLUME 74, NUMBER 22 *CONTENTS* **DECEMBER 2006-1(II)**

RAPID COMMUNICATIONS

Inhomogeneous, disordered, and partially ordered systems

Kinetic glass behavior in a diffusive model *(4 pages)* . . . . . 220201(R)
D. Čapeta and D. K. Sunko

Dynamics, dynamical systems, lattice effects, quantum solids

Laser-induced phonon-phonon interactions in bismuth *(4 pages)* . . . . . 220301(R)
Eeuwe S. Zijlstra, Larisa L. Tatarinova, and Martin E. Garcia

Magnetism

Double-exchange driven ferromagnetic metal-paramagnetic insulator transition in Mn-doped CuO *(4 pages)* . . . . . 220401(R)
Alessio Filippetti and Vincenzo Fiorentini

Nonanalytic magnetic response of Fermi and non-Fermi liquids *(4 pages)* . . . . . 220402(R)
Dmitrii L. Maslov, Andrey V. Chubukov, and Ronojoy Saha

Dynamical specific heat of two-phase coexistence in $R\mathrm{MnO}_3$ *(4 pages)* . . . . . 220403(R)
T. Nomura, J. Masuzawa, and T. Katsufuji

Superfluidity and superconductivity

Josephson spin current in triplet superconductor junctions *(4 pages)* . . . . . 220501(R)
Yasuhiro Asano

Superconductivity in noncentrosymmetric $\mathrm{Mg}_{10}\mathrm{Ir}_{19}\mathrm{B}_{16}$ *(4 pages)* . . . . . 220502(R)
T. Klimczuk, Q. Xu, E. Morosan, J. D. Thompson, H. W. Zandbergen, and R. J. Cava

Spectroscopy of three strongly coupled flux qubits *(4 pages)* . . . . . 220503(R)
A. O. Niskanen, K. Harrabi, F. Yoshihara, Y. Nakamura, and J. S. Tsai

Nonequilibrium transport in superconductor/ferromagnet/superconductor diffusive junctions: Interplay between proximity effect and ferromagnetism *(4 pages)* . . . . . 220504(R)
I. V. Bobkova and A. M. Bobkov

Spectroscopic study of the surface density of states of superfluid ^{3}He by transverse acoustic impedance measurements *(4 pages)* . . . . . 220505(R)
Masamichi Saitoh, Yuichiro Wada, Yuki Aoki, Satoshi Murakawa, Ryuji Nomura, and Yuichi Okuda

Copyright 2006 by The American Physical Society

1098-0121(20061201)74:22;1-X

(Continued)

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 74, NUMBER 22** **DECEMBER 2006-1(II)**

Uncommonly high upper critical field of the pyrochlore superconductor KOs_2O_6 below the enhanced paramagnetic limit *(4 pages)* . . . . . 220506(R)
T. Shibauchi, L. Krusin-Elbaum, Y. Kasahara, Y. Shimono, Y. Matsuda, R. D. McDonald, C. H. Mielke, S. Yonezawa, Z. Hiroi, M. Arai, T. Kita, G. Blatter, and M. Sigrist

Observation of standard spin-switch effects in ferromagnet/superconductor/ferromagnet trilayers with a strong ferromagnet *(4 pages)* . . . . . 220507(R)
Ion C. Moraru, W. P. Pratt, Jr., and Norman O. Birge

Magnetic analog of the isotope effect in cuprates *(4 pages)* . . . . . 220508(R)
Rinat Ofer, Galina Bazalitsky, Amit Kanigel, Amit Keren, Assa Auerbach, James S. Lord, and Alex Amato

Tunable field-induced superconductivity *(4 pages)* . . . . . 220509(R)
W. Gillijns, A. V. Silhanek, and V. V. Moshchalkov

Nonlocal vortex motion in mesoscopic amorphous $Nb_{0.7}Ge_{0.3}$ structures *(4 pages)* . . . . . 220510(R)
A. Helzel, I. Kokanović, D. Babić, L. V. Litvin, F. Rohlfing, F. Otto, C. Sürgers, and C. Strunk

Collapse of the critical state in superconducting niobium *(4 pages)* . . . . . 220511(R)
Ruslan Prozorov, Daniel V. Shantsev, and Roman G. Mints

ARTICLES

Structure, structural phase transitions, mechanical properties, defects

Structure and hydrogen bonding in $CaSiD_{1+x}$: Issues about covalent bonding *(5 pages)* 224101
H. Wu, W. Zhou, T. J. Udovic, J. J. Rush, and T. Yildirim

Parametrization of interatomic potential functions using a genetic algorithm accelerated with a neural network *(13 pages)* 224102
S. Bukkapatnam, M. Malshe, P. M. Agrawal, L. M. Raff, and R. Komanduri

Kinetic Monte Carlo simulations of ion-induced ripple formation: Dependence on flux, temperature, and defect concentration in the linear regime *(12 pages)* 224103
E. Chason, W. L. Chan, and M. S. Bharathi

Effects of local atomic order on the pre-edge structure in the Ti *K* x-ray absorption spectra of perovskite $CaTi_{1-x}Zr_xO_3$ *(7 pages)* 224104
V. Krayzman, I. Levin, J. C. Woicik, D. Yoder, and D. A. Fischer

Potential ultrahigh pressure polymorphs of ABX_3-type compounds *(5 pages)* 224105
Koichiro Umemoto and Renata M. Wentzcovitch

Optimized energy coupling at ultrafast laser-irradiated metal surfaces by tailoring intensity envelopes: Consequences for material removal from Al samples *(16 pages)* 224106
J. P. Colombier, P. Combis, A. Rosenfeld, I. V. Hertel, E. Audouard, and R. Stoian

Thermomechanical anomalies and polyamorphism in B_2O_3 glass: A molecular dynamics simulation study *(10 pages)* 224107
Liping Huang and John Kieffer

Chemical origin of nanoscale polar domains in $PbZn_{1/3}Nb_{2/3}O_3$ *(11 pages)* 224108
T. R. Welberry, D. J. Goossens, and M. J. Gutmann

(Continued)

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 74, NUMBER 22** **DECEMBER 2006-1(II)**

Structural, thermodynamic, and transport properties of Laves-phase $ZrMn_2$ from x-ray and neutron diffraction and first principles *(10 pages)* 224109
M. Rotter, A. Grytsiv, Xing-Qiu Chen, P. Rogl, R. Podloucky, W. Wolf, V. T. Witusiewicz, A. Saccone, H. Noel, M. Doerr, A. Lindbaum, H. Michor, E. Bauer, S. Heathman, W. Kockelmann, and J. Taylor

Temperature dependence of the activity of Al in dilute Ni(Al) solid solutions *(7 pages)* 224110
Yong Jiang, J. R. Smith, and A. G. Evans

Quantitative experimental studies of spontaneous rotations of bismuth nanoparticles *(5 pages)* 224111
Avraham Be'er, Richard Kofman, Fritz Phillipp, and Yossi Lereah

Low-compressibility and hard materials ReB_2 and WB_2: Prediction from first-principles study *(5 pages)* 224112
Xianfeng Hao, Yuanhui Xu, Zhijian Wu, Defeng Zhou, Xiaojuan Liu, Xueqiang Cao, and Jian Meng

Inhomogeneous, disordered, and partially ordered systems

Intrinsic structure of the free liquid surface of an alkali metal *(10 pages)* 224201
E. Chacón, P. Tarazona, and L. E. González

Universal behavior of internal friction in glasses below T_g: Anharmonicity versus relaxation *(5 pages)* 224202
J. Pelous and C. Levelut

Dynamics, dynamical systems, lattice effects, quantum solids

Micromosaic formation in laser-irradiated Si probed by picosecond time-resolved x-ray diffraction *(5 pages)* 224301
Hiroaki Kishimura, Hiroto Morishita, Yasuhisa H. Okano, Yoichiro Hironaka, Ken-ichi Kondo, Kazutaka G. Nakamura, and Toshiyuki Atou

Low-temperature thermal conductivity of cryocrystals formed by linear three-atom molecules *(8 pages)* 224302
V. V. Sumarokov, P. Stachowiak, J. Mucha, and A. Jeżowski

Wavelet-based method for calculating elastic band gaps of two-dimensional phononic crystals *(9 pages)* 224303
Zhi-Zhong Yan and Yue-Sheng Wang

Dynamical evolution of polaron to bipolaron in conjugated polymers *(6 pages)* 224304
Matheus Paes Lima and Geraldo Magela e Silva

Effective parameters of clusters of cylinders embedded in a nonviscous fluid or gas *(10 pages)* 224305
Daniel Torrent and José Sánchez-Dehesa

Theory of cavity-polariton self-trapping and optical strain in polymer chains *(7 pages)* 224306
M. V. Katkov, Y. V. Pershin, and C. Piermarocchi

Magnetism

Low-field giant magnetoresistance in layered magnetic rings *(9 pages)* 224401
F. J. Castaño, D. Morecroft, and C. A. Ross

Density functional study of α-$CrCl_2$: Structural, electronic, and magnetic properties *(7 pages)* 224402
A. Hermann, B. Vest, and P. Schwerdtfeger

Influence of the driving mechanism on the response of systems with athermal dynamics: The example of the random-field Ising model *(10 pages)* 224403
Xavier Illa, Martin-Luc Rosinberg, and Eduard Vives

(Continued)

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 74, NUMBER 22** **DECEMBER 2006-1(II)**

Magnetization-driven random-field Ising model at $T=0$ *(10 pages)* 224404
Xavier Illa, Martin-Luc Rosinberg, Prabodh Shukla, and Eduard Vives

Theoretical investigation of free-standing CoPd nanoclusters as a function of cluster size and stoichiometry in the Pd-rich phase: Geometry, chemical order, magnetism, and metallic behavior *(12 pages)* 224405
F. Aguilera-Granja, A. Vega, José Rogan, X. Andrade, and G. García

Exchange effects on electron transport through single-electron spin-valve transistors *(10 pages)* 224406
Wouter Wetzels, Gerrit E. W. Bauer, and Milena Grifoni

Intermittent quakes and record dynamics in the thermoremanent magnetization of a spin-glass *(6 pages)* 224407
Paolo Sibani, G. F. Rodriguez, and G. G. Kenning

Quantitative transmission electron microscopy analysis of the nanocrystallization kinetics of soft magnetic alloys *(7 pages)* 224408
R. V. Ramanujan and Y. R. Zhang

Comparison of frequency, linewidth, and output power in measurements of spin-transfer nanocontact oscillators *(6 pages)* 224409
W. H. Rippard, M. R. Pufall, and S. E. Russek

Spin and orbital magnetism in full Heusler alloys: A density functional theory study of Co_2YZ ($Y=$Mn,Fe; $Z=$Al,Si,Ga,Ge) *(9 pages)* 224410
Mahdi Sargolzaei, Manuel Richter, Klaus Koepernik, Ingo Opahle, Helmut Eschrig, and Igor Chaplygin

Spin-charge separation and simultaneous spin and charge Kondo effect *(12 pages)* 224411
Rok Žitko and Janez Bonča

Theoretical investigation of magnetoelectric behavior in $BiFeO_3$ *(18 pages)* 224412
P. Ravindran, R. Vidya, A. Kjekshus, H. Fjellvåg, and O. Eriksson

Critical behavior of the helicity modulus for the classical Heisenberg model *(9 pages)* 224413
R. G. Brown and M. Ciftan

Ferromagnetic clusters and superconducting order in $La_{0.7}Ca_{0.3}MnO_3/YBa_2Cu_3O_{7-\delta}$ heterostructures *(8 pages)* 224414
P. P. Deen, F. Yokaichiya, A. de Santis, F. Bobba, A. R. Wildes, and A. M. Cucolo

Ferromagnetic resonance in the epitaxial system Fe/MgO/Fe with coupled magnetic layers *(7 pages)* 224415
E. Popova, C. Tiusan, A. Schuhl, F. Gendron, and N. A. Lesnik

Strong spin fluctuations and possible non-Fermi-liquid behavior in $AlCNi_3$ *(7 pages)* 224416
P. Tong, Y. P. Sun, X. B. Zhu, and W. H. Song

Flipping of magnetic moments induced by the first-order phase transition in MnAs disks on GaAs(001) *(7 pages)* 224417
Y. Takagaki, J. Herfort, L. Däweritz, and K. H. Ploog

Thin film dilute ferromagnetic semiconductors $Sb_{2-x}Cr_xTe_3$ with a Curie temperature up to 190 K *(5 pages)* 224418
Zhenhua Zhou, Yi-Jiunn Chien, and Ctirad Uher

Spin correlation and relaxational dynamics in molecular-based single-chain magnets *(7 pages)* 224419
Jun-ichiro Kishine, Tomonari Watanabe, Hiroyuki Deguchi, Masaki Mito, Tôru Sakai, Takayuki Tajiri, Masahiro Yamashita, and Hitoshi Miyasaka

(Continued)

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 74, NUMBER 22** **DECEMBER 2006-1(II)**

Excitation spectra of the spin-$\frac{1}{2}$ triangular-lattice Heisenberg antiferromagnet *(13 pages)* 224420
Weihong Zheng, John O. Fjærestad, Rajiv R. P. Singh, Ross H. McKenzie, and Radu Coldea

Slow magnetic relaxations in the anisotropic Heisenberg chain compound Mn(III) tetra(*ortho*-fluorophenyl)porphyrin-tetracyanoethylene *(9 pages)* 224421
M. Bałanda, M. Rams, S. K. Nayak, Z. Tomkowicz, W. Haase, K. Tomala, and J. V. Yakhmi

Finite energy solitons in highly anisotropic two dimensional ferromagnets *(17 pages)* 224422
B. A. Ivanov, A. Yu. Merkulov, V. A. Stephanovich, and C. E. Zaspel

La-alloying study of $CeCoGe_2$: Magnetic susceptibility and specific heat measurements *(5 pages)* 224423
C. R. Rotundu and B. Andraka

Theoretical justification of ground-state moment analysis of magnetic dichroic x-ray absorption spectra for 3*d* transition metals *(6 pages)* 224424
F. Dörfler and M. Fähnle

Local atomic structure of martensitic $Ni_{2+x}Mn_{1-x}Ga$: An EXAFS study *(8 pages)* 224425
P. A. Bhobe, K. R. Priolkar, and P. R. Sarode

Competing orders and hidden duality symmetries in two-leg spin ladder systems *(33 pages)* 224426
P. Lecheminant and K. Totsuka

Magnetic aftereffect spectroscopy of Fe- and Co-based amorphous alloys *(9 pages)* 224427
P. Vojtanik and R. Andrejco

Experimental study of the structural and magnetic properties of γ-Fe_2O_3 nanoparticles *(11 pages)* 224428
S. M. Yusuf, J. M. De Teresa, M. D. Mukadam, J. Kohlbrecher, M. R. Ibarra, J. Arbiol, P. Sharma, and S. K. Kulshreshtha

Transmission of correlated electrons through sharp domain walls in magnetic nanowires: A renormalization group approach *(12 pages)* 224429
M. A. N. Araújo, V. K. Dugaev, V. R. Vieira, J. Berakdar, and J. Barnaś

Structural phase diagram, magnetism, and exchange-biased behavior of Fe films on Fe_xMn_{1-x}/Cu(001) *(9 pages)* 224430
Wei Pan, Wen-Chin Lin, Nai-Yeou Jih, Cheng-Hau Chuang, Yu-Chun Chen, Chien-Cheng Kuo, Po-Chun Huang, and Minn-Tsong Lin

Synthesis and study of the heavy-fermion compound Yb_5Pt_9 *(6 pages)* 224431
M. S. Kim, M. C. Bennett, D. A. Sokolov, M. C. Aronson, J. N. Millican, Julia Y. Chan, Q. Huang, Y. Chen, and J. W. Lynn

Two-hole bound states from a systematic low-energy effective field theory for magnons and holes in an antiferromagnet *(17 pages)* 224432
C. Brügger, F. Kämpfer, M. Moser, M. Pepe, and U.-J. Wiese

Gapless bosonic excitation without symmetry breaking: An algebraic spin liquid with soft gravitons *(10 pages)* 224433
Cenke Xu

Decay of highly correlated spin states in a dipolar-coupled solid: NMR study of CaF_2 *(7 pages)* 224434
HyungJoon Cho, Paola Cappellaro, David G. Cory, and Chandrasekhar Ramanathan

Comparison between disordered quantum spin-$\frac{1}{2}$ chains *(8 pages)* 224435
C. A. Lamas, D. C. Cabra, M. D. Grynberg, and G. L. Rossini

(Continued)

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 74, NUMBER 22** **DECEMBER 2006-1(II)**

Negative magnetocaloric effect from highly sensitive metamagnetism in $CoMnSi_{1-x}Ge_x$ *(6 pages)* 224436
K. G. Sandeman, R. Daou, S. Özcan, J. H. Durrell, N. D. Mathur, and D. J. Fray

Correlation effects in a band ferromagnet: Spin-rotationally-symmetric study with self-energy and vertex corrections *(6 pages)* 224437
Avinash Singh

Exchange interaction of magnetic impurities in graphene *(5 pages)* 224438
V. K. Dugaev, V. I. Litvinov, and J. Barnas

Interfacial structure and half-metallic ferromagnetism in Co_2MnSi-based magnetic tunnel junctions *(7 pages)* 224439
N. D. Telling, P. S. Keatley, G. van der Laan, R. J. Hicken, E. Arenholz, Y. Sakuraba, M. Oogane, Y. Ando, and T. Miyazaki

Exchange coupling and contribution of induced orbital angular momentum of low-spin Fe^{3+} ions to magnetic anisotropy in cyanide-bridged Fe_2M_2 molecular magnets: Spin-polarized density-functional calculations *(10 pages)* 224440
Kyungwha Park and Stephen M. Holmes

Geometric frustration inherent to the trillium lattice, a sublattice of the B20 structure *(14 pages)* 224441
John M. Hopkinson and Hae-Young Kee

Detailed neutron study of the crossover from long-range to short-range magnetic ordering in $(Nd_{1-x}Tb_x)_{0.55}Sr_{0.45}MnO_3$ manganites *(12 pages)* 224442
J. M. De Teresa, C. Ritter, P. A. Algarabel, S. M. Yusuf, J. Blasco, A. Kumar, C. Marquina, and M. R. Ibarra

Powder x-ray diffraction study of the thermoelastic martensitic transition in $Ni_2Mn_{1.05}Ga_{0.95}$ *(8 pages)* 224443
Rajeev Ranjan, S. Banik, S. R. Barman, U. Kumar, P. K. Mukhopadhyay, and Dhananjai Pandey

Bond electronic polarization induced by spin *(8 pages)* 224444
Chenglong Jia, Shigeki Onoda, Naoto Nagaosa, and Jung Hoon Han

Ferromagnetic ground state of the robust charge-ordered manganite $Pr_{0.5}Ca_{0.5}MnO_3$ obtained by minimal Al substitution *(5 pages)* 224445
A. Banerjee, K. Mukherjee, Kranti Kumar, and P. Chaddah

Effect of bias-induced spin flips on spin torque: Enhancement of current and spin transfer in magnetic tunnel junctions *(10 pages)* 224446
Peter M. Levy and Albert Fert

Transfer-matrix renormalization group study of spin ladders with cyclic four-spin interactions *(6 pages)* 224447
H. T. Lu, L. Q. Sun, Shaojin Qin, and Y. J. Wang

Disorder versus the Mermin-Wagner-Hohenberg effect: From classical spin systems to ultracold atomic gases *(8 pages)* 224448
J. Wehr, A. Niederberger, L. Sanchez-Palencia, and M. Lewenstein

High-temperature ferromagnetism in Cu-doped GaP by SQUID magnetometry and ferromagnetic resonance measurements *(5 pages)* 224449
Amita Gupta, Frank J. Owens, K. V. Rao, Zafar Iqbal, J. M. Osorio Guille, and R. Ahuja

Superfluidity and superconductivity

Critical state in type-II superconductors with order-disorder transition *(7 pages)* 224501
I. M. Babich, G. P. Mikitik, and E. H. Brandt

(Continued)

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 74, NUMBER 22** **DECEMBER 2006-1(II)**

Upper critical field in nanostructured Nb: Competing effects of the reduction in density of states and the mean free path *(5 pages)* 224502
Sangita Bose, Pratap Raychaudhuri, Rajarshi Banerjee, and Pushan Ayyub

Global singularity-free solution of the Iordanskii force problem *(7 pages)* 224503
Markus Flaig and Uwe R. Fischer

Resonant pairing between fermions with unequal masses *(5 pages)* 224504
Shin-Tza Wu, C.-H. Pao, and S.-K. Yip

Coulomb blockade of Cooper pair tunneling and parity effects in the Cooper pair transistor *(9 pages)* 224505
S. Corlevi, W. Guichard, F. W. J. Hekking, and D. B. Haviland

Selective coupling of superconducting charge qubits mediated by a tunable stripline cavity *(10 pages)* 224506
M. Wallquist, V. S. Shumeiko, and G. Wendin

Theoretical study of metal borides stability *(14 pages)* 224507
Aleksey N. Kolmogorov and Stefano Curtarolo

Dilute vortices on the surface of superconducting $Bi_2Sr_2CaCu_2O_{8+\delta}$ *(8 pages)* 224508
Y. F. Wei, S. P. Zhao, X. B. Zhu, G. H. Chen, and Q. S. Yang

Incident energy and polarization-dependent resonant inelastic x-ray scattering study of La_2CuO_4 *(9 pages)* 224509
L. Lu, J. N. Hancock, G. Chabot-Couture, K. Ishii, O. P. Vajk, G. Yu, J. Mizuki, D. Casa, T. Gog, and M. Greven

Systematic doping evolution of the underlying Fermi surface of $La_{2-x}Sr_xCuO_4$ *(5 pages)* 224510
T. Yoshida, X. J. Zhou, K. Tanaka, W. L. Yang, Z. Hussain, Z.-X. Shen, A. Fujimori, S. Sahrakorpi, M. Lindroos, R. S. Markiewicz, A. Bansil, Seiki Komiya, Yoichi Ando, H. Eisaki, T. Kakeshita, and S. Uchida

Electrical resistivity and scattering processes in $(Bi,Pb)_2(Sr,La)_2CuO_{6+\delta}$ studied by angle-resolved photoemission spectroscopy *(9 pages)* 224511
Takeshi Kondo, Tsunehiro Takeuchi, Syunsuke Tsuda, and Shik Shin

COMMENTS

Comment on "Magnetization of two-dimensional square arrays of nanomagnets" *(4 pages)* 226401
Marisol Alcántara Ortigoza, Richard A. Klemm, and Talat S. Rahman

ERRATA

Erratum: Superconducting transport properties of grain boundaries in $YBa_2Cu_3O_7$ bicrystals [Phys. Rev. B **41**, 4038 (1990)] *(1 page)* . . . . . 229901(E)
D. Dimos, P. Chaudhari, and J. Mannhart

Publisher's Note: Two-fluid model for transport properties of granular superconductors [Phys. Rev. B **74**, 184526 (2006)] *(1 page)* . . . . . 229902(E)
C. A. M. dos Santos, C. J. V. Oliveira, M. S. da Luz, A. D. Bortolozo, M. J. R. Sandim, and A. J. S. Machado

Erratum: Superconducting and normal-state properties of heavily hole-doped diamond [Phys. Rev. B **71**, 060502(R) (2005)] *(1 page)* . . . . . 229903(E)
V. A. Sidorov, E. A. Ekimov, S. M. Stishov, E. D. Bauer, and J. D. Thompson

(Continued)

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 74, NUMBER 22** **DECEMBER 2006-1(II)**

Publisher's Note: Spectroscopic study of the surface density of states of superfluid ^{3}He by transverse acoustic impedance measurements [Phys. Rev. B **74**, 220505(R) (2006)] *(1 page)* . . . . . 229904(E)
Masamichi Saitoh, Yuichiro Wada, Yuki Aoki, Satoshi Murakawa, Ryuji Nomura, and Yuichi Okuda

Retraction: Enhanced magnetic moment of Fe in fcc-structured Fe-Ag and Fe-Au alloys synthesized by ion-beam manipulation [Phys. Rev. B **72**, 054118 (2005)] *(1 page)* . . . . . 229905(E)
X. Y. Li, L. T. Kong, and B. X. Liu

Erratum: Two-band modeling of α-prime phase formation in Fe-Cr [Phys. Rev. B **72**, 214119 (2005)] *(1 page)* . . . . . 229906(E)
Pär Olsson, Janne Wallenius, Christophe Domain, Kai Nordlund, and Lorenzo Malerba