PHYSICAL REVIEW B™

For editorial and subscription correspondence, please see inside front cover
(ISSN: 2469-9950)

PERIODICALS
Postmaster send address changes to:

APS Subscription Services
P.O. Box 41
Annapolis Junction, MD 20701

THIRD SERIES, VOLUME 94, NUMBER 17 ***CONTENTS*** **NOVEMBER 2016-1(I)**

ARTICLES

Structure, structural phase transitions, mechanical properties, defects

Flexocoupling impact on size effects of piezoresponse and conductance in mixed-type ferroelectric semiconductors under applied pressure *(10 pages)* 174101
Anna N. Morozovska, Eugene A. Eliseev, Yuri A. Genenko, Ivan S. Vorotiahin, Maxim V. Silibin, Ye Cao, Yunseok Kim, Maya D. Glinchuk, and Sergei V. Kalinin

Ab initio prediction of superdense tetragonal and monoclinic polymorphs of carbon *(5 pages)* 174102
Zhen-Zhen Li, Jian-Tao Wang, Li-Fang Xu, and Changfeng Chen

Fragile morphotropic phase boundary and phase stability in the near-surface region of the relaxor ferroelectric $(1-x)Pb(Zn_{1/3}Nb_{2/3})O_3$-$xPbTiO_3$: [001] field-cooled phase diagrams *(14 pages)* 174103
Yaojin Wang (汪尧进), Ding Wang, Guoliang Yuan, He Ma, Feng Xu, Jiefang Li, D. Viehland, and Peter M. Gehring

Electron-beam-induced ferroelectric domain behavior in the transmission electron microscope: Toward deterministic domain patterning *(7 pages)* 174104
James L. Hart, Shi Liu, Andrew C. Lang, Alexander Hubert, Andrius Zukauskas, Carlota Canalias, Richard Beanland, Andrew M. Rappe, Miryam Arredondo, and Mitra L. Taheri

Kinetics of nanosize ferroelectrics *(8 pages)* 174105
S. R. Etesami, A. Sukhov, and J. Berakdar

Pressure-induced phase transitions in the $CdCr_2Se_4$ spinel *(10 pages)* 174106
I. Efthimiopoulos, Z. T. Y. Liu, M. Kucway, S. V. Khare, P. Sarin, V. Tsurkan, A. Loidl, and Y. Wang

Strain in epitaxial MnSi films on Si(111) in the thick film limit studied by polarization-dependent extended x-ray absorption fine structure *(10 pages)* 174107
A. I. Figueroa, S. L. Zhang, A. A. Baker, R. Chalasani, A. Kohn, S. C. Speller, D. Gianolio, C. Pfleiderer, G. van der Laan, and T. Hesjedal

Assessing exchange-correlation functional performance for structure and property predictions of oxyfluoride compounds from first principles *(15 pages)* 174108
Nenian Charles and James M. Rondinelli

$Xe(N_2)_2$ compound to 150 GPa: Reluctance to the formation of a xenon nitride *(8 pages)* 174109
D. Laniel, G. Weck, and P. Loubeyre

Copyright 2016 by American Physical Society

(Continued)

2469-9950(20161101)94:17;1-W

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 94, NUMBER 17** **NOVEMBER 2016-1(I)**

Phase coexistence and pinning of charge density waves by interfaces in chromium *(5 pages)* 174110
A. Singer, S. K. K. Patel, V. Uhlíř, R. Kukreja, A. Ulvestad, E. M. Dufresne, A. R. Sandy, E. E. Fullerton, and O. G. Shpyrko

Vacancy-induced mechanical stabilization of cubic tungsten nitride *(9 pages)* 174111
Karthik Balasubramanian, Sanjay Khare, and Daniel Gall

Influence of elastic strain gradient on the upper limit of flexocoupling strength, spatially modulated phases, and soft phonon dispersion in ferroics *(14 pages)* 174112
Anna N. Morozovska, Eugene A. Eliseev, Christian M. Scherbakov, and Yulian M. Vysochanskii

Inhomogeneous, disordered, and partially ordered systems

Structural and magnetic properties of the Gd-based bulk metallic glasses $GdFe_2$, $GdCo_2$, and $GdNi_2$ from first principles *(8 pages)* 174201
Raquel Lizárraga

Structure and luminescence of intrinsic localized states in sodium silicate glasses *(8 pages)* 174202
Konstantinos Konstantinou, Dorothy M. Duffy, and Alexander L. Shluger

Ferroic superglasses: Polar nanoregions in relaxor ferroelectric PMN versus CoFe superspins in a discontinuous multilayer *(7 pages)* 174203
Wolfgang Kleemann and Jan Dec

Direct determination of the temperature of overheated electrons in an insulator *(4 pages)* 174204
T. Levinson, A. Doron, I. Tamir, G. C. Tewari, and D. Shahar

Disorder fingerprint: Intensity distributions in the near field of random media *(5 pages)* 174205
R. Rezvani Naraghi, S. Sukhov, and A. Dogariu

Dynamics, dynamical systems, lattice effects:

Universal short-time dynamics: Boundary functional renormalization group for a temperature quench *(18 pages)* 174301
Alessio Chiocchetta, Andrea Gambassi, Sebastian Diehl, and Jamir Marino

Transport properties in dilute UN(X) solid solutions (X = Xe, Kr) *(15 pages)* 174302
Antoine Claisse, Thomas Schuler, Denise Adorno Lopes, and Pär Olsson

Nondiffusive lattice thermal transport in Si-Ge alloy nanowires *(9 pages)* 174303
M. Upadhyaya and Z. Aksamija

Isotope scattering and phonon thermal conductivity in light atom compounds: LiH and LiF *(10 pages)* 174304
L. Lindsay

Ab initio study of the phononic origin of negative thermal expansion *(9 pages)* 174305
Uri Argaman, Eitan Eidelstein, Ohad Levy, and Guy Makov

Phononic crystals of poroelastic spheres *(9 pages)* 174306
A. Alevizaki, R. Sainidou, P. Rembert, B. Morvan, and N. Stefanou

Zak phases and band properties in acoustic metamaterials with negative modulus or negative density *(7 pages)* . . . 174307
Li Fan, Wei-wei Yu, Shu-yi Zhang, Hui Zhang, and Jin Ding

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 94, NUMBER 17** **NOVEMBER 2016-1(I)**

Magnetism

Experimental observation and computational study of the spin-gap excitation in $Ba_3BiRu_2O_9$ *(8 pages)* 174401
C. D. Ling, Z. Huang, B. J. Kennedy, S. Rols, M. R. Johnson, M. Zbiri, S. A. J. Kimber, J. Hudspeth, D. T. Adroja, K. C. Rule, M. Avdeev, and P. E. R. Blanchard

Uniaxial pressure effects on spin-lattice coupled phase transitions in a geometrical frustrated magnet $CuFeO_2$ *(7 pages)* 174402
H. Tamatsukuri, S. Aoki, S. Mitsuda, T. Nakajima, T. Nakamura, T. Itabashi, S. Hosaka, S. Ito, Y. Yamasaki, H. Nakao, K. Prokes, and K. Kiefer

Hidden quantum phase transition in $Mn_{1-x}Fe_xGe$ evidenced by small-angle neutron scattering *(6 pages)* 174403
E. Altynbaev, S.-A. Siegfried, E. Moskvin, D. Menzel, C. Dewhurst, A. Heinemann, A. Feoktystov, L. Fomicheva, A. Tsvyashchenko, and S. Grigoriev

Oscillatory magnetic anisotropy and spin-reorientation induced by heavy-metal cap in Cu/FeCo/M (M = Hf or Ta): A first-principles study *(7 pages)* 174404
P. V. Ong, Nicholas Kioussis, P. Khalili Amiri, and K. L. Wang

Competing effects at Pt/YIG interfaces: Spin Hall magnetoresistance, magnon excitations, and magnetic frustration *(8 pages)* 174405
Saül Vélez, Amilcar Bedoya-Pinto, Wenjing Yan, Luis E. Hueso, and Fèlix Casanova

Neutron Larmor diffraction investigation of the rare-earth pyrochlores $R_2Ti_2O_7$ (R = Tb, Dy, Ho) *(8 pages)* 174406
M. Ruminy, F. Groitl, T. Keller, and T. Fennell

Hanle magnetoresistance: The role of edge spin accumulation and interfacial spin current *(6 pages)* 174407
H. Wu, X. Zhang, C. H. Wan, B. S. Tao, L. Huang, W. J. Kong, and X. F. Han

Strength of the symmetry spin-filtering effect in magnetic tunnel junctions *(9 pages)* 174408
Sergey V. Faleev, Oleg N. Mryasov, and Stuart S. P. Parkin

Magnetism and charge order in the ladder compound $Co_3O_2BO_3$ *(5 pages)* 174409
D. C. Freitas, C. P. C. Medrano, D. R. Sanchez, M. Nuñez Regueiro, J. A. Rodríguez-Velamazán, and M. A. Continentino

$Ba_3M_xTi_{3-x}O_9$ (M = Ir, Rh): A family of $5d/4d$-based diluted quantum spin liquids *(10 pages)* 174410
R. Kumar, D. Sheptyakov, P. Khuntia, K. Rolfs, P. G. Freeman, H. M. Rønnow, Tusharkanti Dey, M. Baenitz, and A. V. Mahajan

Magnetotransport properties of the type-II Weyl semimetal candidate Ta_3S_2 *(5 pages)* 174411
D. Chen, L. X. Zhao, J. B. He, H. Liang, S. Zhang, C. H. Li, L. Shan, S. C. Wang, Z. A. Ren, C. Ren, and G. F. Chen

Magnetic-anisotropy-induced spin blockade in a single-molecule transistor *(8 pages)* 174412
Guangpu Luo and Kyungwha Park

Frustration-induced one-dimensionality in the isosceles triangular antiferromagnetic lattice of δ-(EDT-TTF-$CONMe_2$)$_2AsF_6$ *(6 pages)* 174413
B. Náfrádi, Á. Antal, T. Fehér, L. F. Kiss, C. Mézière, P. Batail, L. Forró, and A. Jánossy

Magnetic effects in the paraxial regime of elastic electron scattering *(17 pages)* 174414
Alexander Edström, Axel Lubk, and Ján Rusz

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 94, NUMBER 17** **NOVEMBER 2016-1(I)**

Neutron diffraction study on heavy-fermion compound $CeCrGe_3$ *(8 pages)* 174415
Debarchan Das, S. Nandi, I. da Silva, D. T. Adroja, and Z. Hossain

Vector chirality for effective total momentum J_{eff} in a nonfrustrated Mott insulator: Effects of strong spin-orbit coupling and broken inversion symmetry *(10 pages)* 174416
Naoya Arakawa

Color ice states, weathervane modes, and order by disorder in the bilinear-biquadratic pyrochlore Heisenberg antiferromagnet *(13 pages)* 174417
Yuan Wan and Michel J. P. Gingras

Mechanism and activation energy of magnetic skyrmion annihilation obtained from minimum energy path calculations *(7 pages)* 174418
Igor S. Lobanov, Hannes Jónsson, and Valery M. Uzdin

Terahertz spectroscopy of crystal-field transitions in magnetoelectric $TmAl_3(BO_3)_4$ *(8 pages)* 174419
A. M. Kuzmenko, A. A. Mukhin, V. Yu. Ivanov, G. A. Komandin, A. Shuvaev, A. Pimenov, V. Dziom, L. N. Bezmaternykh, and I. A. Gudim

Vortices, skyrmions, and chirality waves in frustrated Mott insulators with a quenched periodic array of impurities *(19 pages)* 174420
Satoru Hayami, Shi-Zeng Lin, Yoshitomo Kamiya, and Cristian D. Batista

Magnetism of the antiferromagnetic spin-$\frac{1}{2}$ tetramer compound $CuInVO_5$ *(7 pages)* 174421
Masashi Hase, Masashige Matsumoto, Akira Matsuo, and Koichi Kindo

Formation of Co nanodisc with enhanced perpendicular magnetic anisotropy driven by Ga^+ ion irradiation on Pt/Co/Pt films *(8 pages)* 174422
M. Sakamaki, K. Amemiya, I. Sveklo, P. Mazalski, M. O. Liedke, J. Fassbender, Z. Kurant, A. Wawro, and A. Maziewski

Semiclassical ground-state phase diagram and multi-Q phase of a spin-orbit-coupled model on triangular lattice *(9 pages)* 174424
Changle Liu, Rong Yu, and Xiaoqun Wang

Influence of $L1_0$ order parameter on Gilbert damping constants for FePd thin films investigated by means of time-resolved magneto-optical Kerr effect *(11 pages)* 174425
Satoshi Iihama, Akimasa Sakuma, Hiroshi Naganuma, Mikihiko Oogane, Shigemi Mizukami, and Yasuo Ando

Electrical spin injection in silicon and the role of defects *(7 pages)* 174426
F. Rortais, C. Vergnaud, C. Ducruet, C. Beigné, A. Marty, J.-P. Attané, J. Widiez, H. Jaffrès, J.-M. George, and M. Jamet

Correlation effect in $Sr_{1-x}La_xRuO_3$ studied by soft x-ray photoemission spectroscopy *(7 pages)* 174427
Ikuto Kawasaki, Yumi Sakon, Shin-ichi Fujimori, Hiroshi Yamagami, Kenichi Tenya, and Makoto Yokoyama

Electric transport in three-dimensional skyrmion/monopole crystal *(16 pages)* 174428
Xiao-Xiao Zhang, Andrey S. Mishchenko, Giulio De Filippis, and Naoto Nagaosa

One-dimensional magnetic order in the metal-organic framework $Tb(HCOO)_3$ *(6 pages)* 174429
Daniel R. Harcombe, Philip G. Welch, Pascal Manuel, Paul J. Saines, and Andrew L. Goodwin

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 94, NUMBER 17** **NOVEMBER 2016-1(I)**

Magnetic scattering and spin-orbit coupling induced magnetoresistance in nonmagnetic heavy metal and magnetic insulator bilayer systems *(6 pages)* 174430
B. F. Miao, L. Sun, D. Wu, C. L. Chien, and H. F. Ding

3*d*-electron Heisenberg pyrochlore $Mn_2Sb_2O_7$ *(7 pages)* 174431
Darren C. Peets, Hasung Sim, Maxim Avdeev, and Je-Geun Park

Enhancing interfacial magnetization with a ferroelectric *(6 pages)* 174432
Tricia L. Meyer, Andreas Herklotz, Valeria Lauter, John W. Freeland, John Nichols, Er-Jia Guo, Shinbuhm Lee, T. Zac Ward, Nina Balke, Sergei V. Kalinin, Michael R. Fitzsimmons, and Ho Nyung Lee

Monte Carlo analysis for finite-temperature magnetism of $Nd_2Fe_{14}B$ permanent magnet *(9 pages)* 174433
Yuta Toga, Munehisa Matsumoto, Seiji Miyashita, Hisazumi Akai, Shotaro Doi, Takashi Miyake, and Akimasa Sakuma

Electrical control over perpendicular magnetization switching driven by spin-orbit torques *(8 pages)* 174434
X. Zhang, C. H. Wan, Z. H. Yuan, Q. T. Zhang, H. Wu, L. Huang, W. J. Kong, C. Fang, U. Khan, and X. F. Han

Impact of lattice dynamics on the phase stability of metamagnetic FeRh: Bulk and thin films *(17 pages)* 174435
M. Wolloch, M. E. Gruner, W. Keune, P. Mohn, J. Redinger, F. Hofer, D. Suess, R. Podloucky, J. Landers, S. Salamon, F. Scheibel, D. Spoddig, R. Witte, B. Roldan Cuenya, O. Gutfleisch, M. Y. Hu, J. Zhao, T. Toellner, E. E. Alp, M. Siewert, P. Entel, R. Pentcheva, and H. Wende

Topological insulator in a helicoidal magnetization field *(10 pages)* 174436
S. Stagraczyński, L. Chotorlishvili, V. K. Dugaev, C.-L. Jia, A. Ernst, A. Komnik, and J. Berakdar

Influence of yttrium iron garnet thickness and heater opacity on the nonlocal transport of electrically and thermally excited magnons *(15 pages)* 174437
Juan Shan, Ludo J. Cornelissen, Nynke Vlietstra, Jamal Ben Youssef, Timo Kuschel, Rembert A. Duine, and Bart J. van Wees

Disorder-induced domain wall velocity shift at high fields in perpendicularly magnetized thin films *(10 pages)* . . . 174438
Michele Voto, Luis Lopez-Diaz, Luis Torres, and Simone Moretti

Characterization of spin relaxation anisotropy in Co using spin pumping *(8 pages)* 174439
Yi Li, Wei Cao, and W. E. Bailey

Magnetoresistance generated from charge-spin conversion by anomalous Hall effect in metallic ferromagnetic/nonmagnetic bilayers *(7 pages)* 174440
Tomohiro Taniguchi

Magnetic field-temperature phase diagrams of multiferroic $(Ni_{0.9}Co_{0.1})_3V_2O_8$ *(10 pages)* 174441
N. Qureshi, E. Ressouche, A. A. Mukhin, V. Yu. Ivanov, S. N. Barilo, S. V. Shiryaev, and V. Skumryev

Properties of the random-singlet phase: From the disordered Heisenberg chain to an amorphous valence-bond solid *(14 pages)* 174442
Yu-Rong Shu, Dao-Xin Yao, Chih-Wei Ke, Yu-Cheng Lin, and Anders W. Sandvik

Phase diagram of diluted Ising ferromagnet $LiHo_xY_{1-x}F_4$ *(8 pages)* 174443
P. Babkevich, N. Nikseresht, I. Kovacevic, J. O. Piatek, B. Dalla Piazza, C. Kraemer, K. W. Krämer, K. Prokeš, S. Mat'aš, J. Jensen, and H. M. Rønnow

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 94, NUMBER 17** **NOVEMBER 2016-1(I)**

Spin dynamics simulations of topological magnon insulators: From transverse current correlation functions to the family of magnon Hall effects *(13 pages)* 174444
Alexander Mook, Jürgen Henk, and Ingrid Mertig

Magnetism of epitaxial Tb films on W(110) studied by spin-polarized low-energy electron microscopy *(6 pages)* 174445
J. E. Prieto, Gong Chen (陈宫), A. K. Schmid, and J. de la Figuera

Magnetoelectric phase diagrams of multiferroic $GdMn_2O_5$ *(7 pages)* 174446
S. H. Bukhari, Th. Kain, M. Schiebl, A. Shuvaev, Anna Pimenov, A. M. Kuzmenko, X. Wang, S.-W. Cheong, J. Ahmad, and A. Pimenov

Coherence and stiffness of spin waves in diluted ferromagnets *(6 pages)* 174447
I. Turek, J. Kudrnovský, and V. Drchal

Superfluidity and superconductivity

Proximity-induced superconductivity in monolayer CuO_2 on cuprate substrates *(5 pages)* 174501
Guo-Yi Zhu, Fu-Chun Zhang, and Guang-Ming Zhang

Nonsymmorphic Weyl superconductivity in UPt_3 based on E_{2u} representation *(6 pages)* 174502
Youichi Yanase

η-pairing superfluid in periodically-driven fermionic Hubbard model with strong attraction *(10 pages)* 174503
Sota Kitamura and Hideo Aoki

Coexistence and interplay of quantum and classical turbulence in superfluid ^{4}He: Decay, velocity decoupling, and counterflow energy spectra *(18 pages)* 174504
S. Babuin, V. S. L'vov, A. Pomyalov, L. Skrbek, and E. Varga

Superconductivity in $(NH_3)_yNa_xFeSe_{0.5}Te_{0.5}$ *(5 pages)* 174505
Lu Zheng, Yusuke Sakai, Xiao Miao, Saki Nishiyama, Takahiro Terao, Ritsuko Eguchi, Hidenori Goto, and Yoshihiro Kubozono

Upper critical field in the model with finite-range interaction between electrons *(7 pages)* 174506
A. V. Shumilin, V. V. Baranov, and V. V. Kabanov

Intermodulation in nonlinear SQUID metamaterials: Experiment and theory *(10 pages)* 174507
Daimeng Zhang, Melissa Trepanier, Thomas Antonsen, Edward Ott, and Steven M. Anlage

Signatures of time-reversal-invariant topological superconductivity in the Josephson effect *(14 pages)* 174508
Ehren Mellars and Benjamin Béri

Characteristics of superconducting tungsten silicide W_xSi_{1-x} for single photon detection *(10 pages)* 174509
X. Zhang, A. Engel, Q. Wang, A. Schilling, A. Semenov, M. Sidorova, H.-W. Hübers, I. Charaev, K. Ilin, and M. Siegel

Double-resonance response of a superconducting quantum metamaterial: Manifestation of nonclassical states of photons *(6 pages)* 174510
M. A. Iontsev, S. I. Mukhin, and M. V. Fistul

Charge fluctuations and nodeless superconductivity in quasi-one-dimensional $Ta_4Pd_3Te_{16}$ revealed by ^{125}Te-NMR and ^{181}Ta-NQR *(6 pages)* 174511
Z. Li, W. H. Jiao, G. H. Cao, and Guo-qing Zheng

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 94, NUMBER 17** **NOVEMBER 2016-1(I)**

Coexistence of antiferromagnetic and ferromagnetic spin correlations in $Ca(Fe_{1-x}Co_x)_2As_2$ revealed by ^{75}As nuclear magnetic resonance *(8 pages)* 174512
J. Cui, P. Wiecki, S. Ran, S. L. Bud'ko, P. C. Canfield, and Y. Furukawa

Classification of "multipole" superconductivity in multiorbital systems and its implications *(16 pages)* 174513
T. Nomoto, K. Hattori, and H. Ikeda

Roadmap to Majorana surface codes *(21 pages)* 174514
S. Plugge, L. A. Landau, E. Sela, A. Altland, K. Flensberg, and R. Egger

Observation of two distinct pairs fluctuation lifetimes and supercurrents in the pseudogap regime of cuprate junctions *(10 pages)* 174515
Gad Koren and Patrick A. Lee

Variation in superconducting transition temperature due to tetragonal domains in two-dimensionally doped $SrTiO_3$ *(12 pages)* 174516
Hilary Noad, Eric M. Spanton, Katja C. Nowack, Hisashi Inoue, Minu Kim, Tyler A. Merz, Christopher Bell, Yasuyuki Hikita, Ruqing Xu, Wenjun Liu, Arturas Vailionis, Harold Y. Hwang, and Kathryn A. Moler

Origin of positive out-of-plane magnetoconductivity in overdoped $Bi_{1.6}Pb_{0.4}Sr_2CaCu_{1.96}Fe_{0.04}O_{8+\delta}$ *(6 pages)* 174517
Takao Watanabe, Tomohiro Usui, Shintaro Adachi, Yuki Teramoto, Mihaly M. Dobroka, Itsuhiro Kakeya, Akihiro Kondo, Koichi Kindo, and Shojiro Kimura

Displacement and annihilation of Dirac gap nodes in *d*-wave iron-based superconductors *(9 pages)* 174518
Andrey V. Chubukov, Oskar Vafek, and Rafael M. Fernandes

Structure of exciton condensates in imbalanced electron-hole bilayers *(11 pages)* 174519
J. R. Varley and D. K. K. Lee

COMMENTS

Comment on "Critical point scaling of Ising spin glasses in a magnetic field" *(2 pages)* 176401
T. Temesvári

Reply to "Comment on 'Critical point scaling of Ising spin glasses in a magnetic field' " *(1 page)* 176402
Joonhyun Yeo and M. A. Moore

ERRATA

Erratum: Phase diagram of the Heisenberg-Kitaev model at $T = 0$ [Phys. Rev. B **92**, 020405(R) (2015)] *(1 page)* 179901(E)
J. Oitmaa

Publisher's Note: Graphene under the influence of Aharonov-Bohm flux and constant magnetic field [Phys. Rev. B **94**, 094101 (2016)] *(1 page)* . . . . . 179902(E)
E. A. Stepanov and V. Ch. Zhukovsky

Publisher's Note: High-resolution hard x-ray magnetic imaging with dichroic ptychography [Phys. Rev. B **94**, 064421 (2016)] *(1 page)* . . . . . 179903(E)
Claire Donnelly, Valerio Scagnoli, Manuel Guizar-Sicairos, Mirko Holler, Fabrice Wilhelm, Francois Guillou, Andrei Rogalev, Carsten Detlefs, Andreas Menzel, Jörg Raabe, and Laura J. Heyderman

(Continued)

The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

PHYSICAL REVIEW B **THIRD SERIES, VOLUME 94, NUMBER 17** **NOVEMBER 2016-1(I)**

Publisher's Note: Static and dynamic properties of low-temperature order in the one-dimensional semiconductor $(NbSe_4)_3I$ [Phys. Rev. B **94**, 104113 (2016)] *(1 page)* . . . . . 179904(E)
D. Dominko, S. Vdović, H. Skenderović, D. Starešinić, K. Biljaković, D. Ristić, M. Ivanda, J. E. Lorenzo, and J. Demsar

Publisher's Note: Robust determination of the superconducting gap sign structure via quasiparticle interference [Phys. Rev. B **92**, 184513 (2015)] *(1 page)* . . . . . 179905(E)
P. J. Hirschfeld, D. Altenfeld, I. Eremin, and I. I. Mazin

Publisher's Note: Superconducting phase diagram of itinerant antiferromagnets [Phys. Rev. B **93**, 174519 (2016)] *(1 page)* . . . . . 179906(E)
A. T. Rømer, I. Eremin, P. J. Hirschfeld, and B. M. Andersen

Publisher's Note: Thermodynamic transport theory of spin waves in ferromagnetic insulators [Phys. Rev. B **94**, 144422 (2016)] *(1 page)* . . . . . 179907(E)
Vittorio Basso, Elena Ferraro, and Marco Piazzi

Erratum: Matrix product state formulation of frequency-space dynamics at finite temperatures [Phys. Rev. B **90**, 060406(R) (2014)] *(2 pages)* . . . . . 179908(E)
Alexander C. Tiegel, Salvatore R. Manmana, Thomas Pruschke, and Andreas Honecker