

RAPID COMMUNICATIONS

Structure, structural phase transitions, mechanical properties, defects

- Topological dynamics of vortex-line networks in hexagonal manganites (*5 pages*) 020101(R)
Fei Xue, Nan Wang, Xueyun Wang, Yanzhou Ji, Sang-Wook Cheong, and Long-Qing Chen
- ☞ Snowflake phononic topological insulator at the nanoscale (*5 pages*) 020102(R)
Christian Brendel, Vittorio Peano, Oskar Painter, and Florian Marquardt
- Structural phases arising from reconstructive and isostructural transitions in high-melting-point oxides under hydrostatic pressure: A first-principles study (*6 pages*) 020103(R)
Hao Tian, Xiao-Yu Kuang, Ai-Jie Mao, Yurong Yang, Changsong Xu, S. Omid Sayedaghaee, and L. Bellaiche
- Competition between spin-orbit coupling, magnetism, and dimerization in the honeycomb iridates: α -Li₂IrO₃ under pressure (*6 pages*) 020104(R)
V. Hermann, M. Altmeyer, J. Ebad-Allah, F. Freund, A. Jesche, A. A. Tsirlin, M. Hanfland, P. Gegenwart, I. I. Mazin, D. I. Khomskii, R. Valentí, and C. A. Kuntscher

Dynamics, dynamical systems, lattice effects:

- Quantum jumps on Anderson attractors (*5 pages*) 020301(R)
I. I. Yusipov, T. V. Laptyeva, and M. V. Ivanchenko
- Understanding photon sideband statistics and correlation for determining phonon coherence (*6 pages*) 020302(R)
Ding Ding, Xiaobo Yin, and Baowen Li
- Periodic and quasiperiodic revivals in periodically driven interacting quantum systems (*4 pages*) 020303(R)
David J. Luitz, Achilleas Lazarides, and Yevgeny Bar Lev

Magnetism

- ☞ Direct evidence for cycloidal modulations in the thermal-fluctuation-stabilized spin spiral and skyrmion states of GaV₄S₈ (*5 pages*) 020401(R)
J. S. White, Á. Butykai, R. Cubitt, D. Honecker, C. D. Dewhurst, L. F. Kiss, V. Tsurkan, and S. Bordács
- Controlling chiral domain walls in antiferromagnets using spin-wave helicity (*6 pages*) 020402(R)
Alireza Qaiumzadeh, Lars A. Kristiansen, and Arne Brataas
- Influence of the magnetic proximity effect on spin-orbit torque efficiencies in ferromagnet/platinum bilayers (*6 pages*) 020403(R)
T. A. Peterson, A. P. McFadden, C. J. Palmstrøm, and P. A. Crowell



CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 2

JANUARY 2018-1(II)

Manipulating the magnetoelectric effect: Essence learned from $\text{Co}_4\text{Nb}_2\text{O}_9$ (5 pages)	020404(R)
Yuki Yanagi, Satoru Hayami, and Hiroaki Kusunose	
Effect of the Magnus force on skyrmion relaxation dynamics (5 pages)	020405(R)
Barton L. Brown, Uwe C. Täuber, and Michel Pleimling	
Neutron diffractive imaging of the skyrmion lattice nucleation in MnSi (5 pages)	020406(R)
T. Reimann, A. Bauer, C. Pfleiderer, P. Böni, P. Trtik, A. Tremsin, M. Schulz, and S. Mühlbauer	
Weak localization of magnons in a disordered two-dimensional antiferromagnet (5 pages)	020407(R)
Naoya Arakawa and Jun-ichiro Ohe	
Evidence for the role of the magnon energy relaxation length in the spin Seebeck effect (5 pages)	020408(R)
Arati Prakash, Benedetta Flebus, Jack Brangham, Fengyuan Yang, Yaroslav Tserkovnyak, and Joseph P. Heremans	
Superfluidity and superconductivity	
From a semimetal to a chiral Fulde-Ferrell superfluid (5 pages)	020501(R)
Ting Fung Jeffrey Poon and Xiong-Jun Liu	
Nodeless superconductivity and time-reversal symmetry breaking in the noncentrosymmetric superconductor $\text{Re}_{24}\text{Ti}_5$ (6 pages)	020502(R)
T. Shang, G. M. Pang, C. Baines, W. B. Jiang, W. Xie, A. Wang, M. Medarde, E. Pomjakushina, M. Shi, J. Mesot, H. Q. Yuan, and T. Shiroka	
Rapid suppression of the charge density wave in $\text{YBa}_2\text{Cu}_3\text{O}_{6.6}$ under hydrostatic pressure (5 pages)	020503(R)
S. M. Souliou, H. Gretarsson, G. Garbarino, A. Bosak, J. Porras, T. Loew, B. Keimer, and M. Le Tacon	
Scaling universality at the dynamic vortex Mott transition (6 pages)	020504(R)
M. Lankhorst, N. Poccia, M. P. Stehno, A. Galda, H. Barman, F. Coneri, H. Hilgenkamp, A. Brinkman, A. A. Golubov, V. Tripathi, T. I. Baturina, and V. M. Vinokur	
Transient electronic anisotropy in overdoped $\text{NaFe}_{1-x}\text{Co}_x\text{As}$ superconductors (8 pages)	020505(R)
Shenghua Liu, Chunfeng Zhang, Qiang Deng, Hai-hu Wen, Jian-xin Li, Elbert E. M. Chia, Xiaoyong Wang, and Min Xiao	
Coupled dipole oscillations of a mass-imbalanced Bose-Fermi superfluid mixture (5 pages)	020506(R)
Yu-Ping Wu, Xing-Can Yao, Xiang-Pei Liu, Xiao-Qiong Wang, Yu-Xuan Wang, Hao-Ze Chen, Youjin Deng, Yu-Ao Chen, and Jian-Wei Pan	
Disordered Berezinskii-Kosterlitz-Thouless transition and superinsulation (6 pages)	020507(R)
S. Sankar, V. M. Vinokur, and V. Tripathi	
High- T_c superconductivity up to 55 K under high pressure in a heavily electron doped $\text{Li}_{0.36}(\text{NH}_3)_y\text{Fe}_2\text{Se}_2$ single crystal (6 pages)	020508(R)
P. Shahi, J. P. Sun, S. H. Wang, Y. Y. Jiao, K. Y. Chen, S. S. Sun, H. C. Lei, Y. Uwatoko, B. S. Wang, and J.-G. Cheng	
AC magnetic-field response of the ferromagnetic superconductor UGe_2 with different magnetized states (5 pages)	020509(R)
Hiroyuki Tanaka, Akira Yamaguchi, Ikuto Kawasaki, Akihiko Sumiyama, Gaku Motoyama, and Tomoo Yamamura	

(Continued)

Collapsed tetragonal phase as a strongly covalent and fully nonmagnetic state: Persistent magnetism with interlayer As–As bond formation in Rh-doped $\text{Ca}_{0.8}\text{Sr}_{0.2}\text{Fe}_2\text{As}_2$ (6 pages)	020510(R)
K. Zhao, J. K. Glasbrenner, H. Gretarsson, D. Schmitz, J. Bednarcik, M. Etter, J. P. Sun, R. S. Manna, A. Al-Zein, S. Lafuerza, W. Scherer, J. G. Cheng, and P. Gegenwart	

ARTICLES

Structure, structural phase transitions, mechanical properties, defects

Transition-metal alloying of γ' - Ni_3Al : Effects on the ideal uniaxial compressive strength from first-principles calculations (11 pages)	024101
Minru Wen and Chong-Yu Wang	
Defect-driven flexochemical coupling in thin ferroelectric films (17 pages)	024102
Eugene A. Eliseev, Ivan S. Vorotiahin, Yevhen M. Fomichov, Maya D. Glinchuk, Sergei V. Kalinin, Yuri A. Genenko, and Anna N. Morozovska	
Pressure-induced irreversible metallization accompanying the phase transitions in Sb_2S_3 (8 pages)	024103
Lidong Dai, Kaixiang Liu, Heping Li, Lei Wu, Haiying Hu, Yukai Zhuang, Linfei Yang, Chang Pu, and Pengfei Liu	
Phase transformation pathways of ultrafast-laser-irradiated Ln_2O_3 ($\text{Ln} = \text{Er-Lu}$) (6 pages)	024104
Dylan R. Rittman, Cameron L. Tracy, Chien-Hung Chen, Jonathan M. Solomon, Mark Asta, Wendy L. Mao, Steven M. Yalisove, and Rodney C. Ewing	
Nitrogen-vacancy ensemble magnetometry based on pump absorption (6 pages)	024105
Sepehr Ahmadi, Haitham A. R. El-Ella, Adam M. Wojciechowski, Tobias Gehring, Jørn O. B. Hansen, Alexander Huck, and Ulrik L. Andersen	
Thermodynamically complete equation of state of MgO from true radiative shock temperature measurements on samples preheated to 1850 K (18 pages)	024106
O. V. Fat'yanov, P. D. Asimow, and T. J. Ahrens	
High-pressure phases of VO_2 from the combination of Raman scattering and <i>ab initio</i> structural search (7 pages)	024107
Victor Balédent, Tiago T. F. Cerqueira, Rafael Sarmiento-Pérez, Abhay Shukla, Christophe Bellin, Marino Marsi, Jean-Paul Itié, Matteo Gatti, Miguel A. L. Marques, Silvana Botti, and Jean-Pascal Rueff	
Nature of the octahedral tilting phase transitions in perovskites: A case study of CaMnO_3 (10 pages)	024108
Johan Klarbring and Sergei I. Simak	
Quantum magnetomechanics: Towards the ultrastrong coupling regime (12 pages)	024109
E. Romero-Sánchez, W. P. Bowen, M. R. Vanner, K. Xia, and J. Twamley	
Tuning the ferroelectric-to-paraelectric transition temperature and dipole orientation of group-IV monochalcogenide monolayers (14 pages)	024110
Salvador Barraza-Lopez, Thaneshwor P. Kaloni, Shiva P. Poudel, and Pradeep Kumar	
Formation of H_2 -rich iodine-hydrogen compounds at high pressure (6 pages)	024111
Jack Binns, Philip Dalladay-Simpson, Mengnan Wang, Graeme J. Ackland, Eugene Gregoryanz, and Ross T. Howie	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 2

JANUARY 2018-1(II)

Neural-network-based depth-resolved multiscale structural optimization using density functional theory and electron diffraction data (<i>10 pages</i>)	024112
Robert S. Pennington, Catalina Coll, Sònia Estradé, Francesca Peiró, and Christoph T. Koch	
 Energetics of oxygen-octahedra rotations in perovskite oxides from first principles (<i>20 pages</i>)	024113
Peng Chen, Mathieu N. Grisolia, Hong Jian Zhao, Otto E. González-Vázquez, L. Bellaiche, Manuel Bibes, Bang-Gui Liu, and Jorge Íñiguez	
Oxygen self-diffusion mechanisms in monoclinic ZrO ₂ revealed and quantified by density functional theory, random walk analysis, and kinetic Monte Carlo calculations (<i>7 pages</i>)	024114
Jing Yang, Mostafa Youssef, and Bilge Yildiz	
High-throughput first-principles search for new ferroelectrics (<i>7 pages</i>)	024115
Kevin F. Garrity	
Raman scattering study of the ferroelectric phase transition in BaTi ₂ O ₅ (<i>7 pages</i>)	024116
Shinya Tsukada, Yasuhiro Fujii, Yasuhiro Yoneda, Hiroki Moriwake, Ayako Konishi, and Yukikuni Akishige	
Inhomogeneous, disordered, and partially ordered systems	
Propagating elastic vibrations dominate thermal conduction in amorphous silicon (<i>6 pages</i>)	024201
Jaeyun Moon, Benoit Latour, and Austin J. Minnich	
Spectral statistics and scattering resonances of complex primes arrays (<i>11 pages</i>)	024202
Ren Wang, Felipe A. Pinheiro, and Luca Dal Negro	
Bimodal Ising spin glass in two dimensions: The anomalous dimension η (<i>6 pages</i>)	024203
P. H. Lundow and I. A. Campbell	
Interplay between topology and disorder in a two-dimensional semi-Dirac material (<i>8 pages</i>)	024204
P. V. Sriluckshmy, Kush Saha, and Roderich Moessner	
Consistent interpretation of experimental data for expanded liquid tungsten near the liquid-gas coexistence curve (<i>9 pages</i>)	024205
D. V. Minakov, M. A. Paramonov, and P. R. Levashov	
Dynamics, dynamical systems, lattice effects:	
Collective-Goldstone-mode-induced ultralow lattice thermal conductivity in Sn-filled skutterudite SnFe ₄ Sb ₁₂ (<i>5 pages</i>)	024301
Yuhao Fu, Xin He, Lijun Zhang, and David J. Singh	
Perturbative approach to weakly driven many-particle systems in the presence of approximate conservation laws (<i>17 pages</i>)	024302
Zala Lenarčič, Florian Lange, and Achim Rosch	
Volkov basis for simulation of interaction of strong laser pulses and solids (<i>5 pages</i>)	024303
Daniel Kidd, Cody Covington, Yonghui Li, and Kálmán Varga	
Trapped-mode-induced Fano resonance and acoustical transparency in a one-dimensional solid-fluid phononic crystal (<i>17 pages</i>)	024304
Ilyasse Quotane, El Houssaine El Boudouti, and Bahram Djafari-Rouhani	

(Continued)

<i>Ab initio</i> calculation of the migration free energy of oxygen diffusion in pure and samarium-doped ceria (11 pages)	024305
Julius Koettgen, Peter C. Schmidt, Tomáš Bučko, and Manfred Martin	
Optical defect mode with tunable Q factor in a one-dimensional anisotropic photonic crystal (7 pages)	024306
Ivan V. Timofeev, Dmitrii N. Maksimov, and Almas F. Sadreev	
Time-dependent variational principle in matrix-product state manifolds: Pitfalls and potential (5 pages)	024307
Benedikt Kloss, Yevgeny Bar Lev, and David Reichman	
Steepest entropy ascent quantum thermodynamic model of electron and phonon transport (11 pages)	024308
Guanchen Li, Michael R. von Spakovsky, and Celine Hin	
Magnetism	
External electric field driven modification of the anomalous and spin Hall conductivities in Fe thin films on MgO(001) (8 pages)	024401
Abdul-Muizz Pradipto, Toru Akiyama, Tomonori Ito, and Kohji Nakamura	
Inverse spin Hall effect in $\text{Au}_x\text{Ta}_{1-x}$ alloy films (8 pages)	024402
D. Qu, S. Y. Huang, G. Y. Guo, and C. L. Chien	
Composition-dependent magnetic response properties of $\text{Mn}_{1-x}\text{Fe}_x\text{Ge}$ alloys (9 pages)	024403
S. Mankovsky, S. Wimmer, S. Polesya, and H. Ebert	
Asymmetric domain wall propagation caused by interfacial Dzyaloshinskii-Moriya interaction in exchange biased Au/Co/NiO layered system (7 pages)	024404
P. Kuświk, M. Matczak, M. Kowacz, K. Szuba-Jabłoński, N. Michalak, B. Szymański, A. Ehresmann, and F. Stobiecki	
Thermodynamic properties of $\text{Ba}_2\text{CoSi}_2\text{O}_6\text{Cl}_2$ in a strong magnetic field: Realization of flat-band physics in a highly frustrated quantum magnet (7 pages)	024405
Johannes Richter, Olesia Krupnitska, Vasyl Baliha, Taras Krokhmal'skii, and Oleg Derzhko	
Covalency and spin-orbit coupling driven magnetism in the double-perovskite iridates $\text{Sr}_2\text{M}\text{IrO}_6$ ($M = \text{Ca}, \text{Mg}$) (8 pages)	024406
Sayantika Bhowal and I. Dasgupta	
Magnetic excitations and amplitude fluctuations in insulating cuprates (7 pages)	024407
N. Chelwani, A. Baum, T. Böhm, M. Opel, F. Venturini, L. Tassini, A. Erb, H. Berger, L. Forró, and R. Hackl	
Geometrical protection of topological magnetic solitons in microprocessed chiral magnets (10 pages)	024408
Masaki Mito, Hiroyuki Ohsumi, Kazuki Tsuruta, Yoshinori Kotani, Tetsuya Nakamura, Yoshihiko Togawa, Misako Shinozaki, Yusuke Kato, Jun-ichiro Kishine, Jun-ichiro Ohe, Yusuke Kousaka, Jun Akimitsu, and Katsuya Inoue	
Spin-wave stiffness in the Dzyaloshinskii-Moriya helimagnets $\text{Mn}_{1-x}\text{Fe}_x\text{Si}$ (7 pages)	024409
S. V. Grigoriev, E. V. Altynbaev, S.-A. Siegfried, K. A. Pschenichnyi, D. Menzel, A. Heinemann, and G. Chaboussant	
Structural and magnetic transitions in spinel FeMn_2O_4 single crystals (7 pages)	024410
Roshan Nepal, Qiang Zhang, Samuel Dai, Wei Tian, S. E. Nagler, and Rongying Jin	
 Effect of applied orthorhombic lattice distortion on the antiferromagnetic phase of CeAuSb_2 (6 pages)	024411
Joonbum Park, Hideaki Sakai, Onur Erten, Andrew P. Mackenzie, and Clifford W. Hicks	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 2

JANUARY 2018-1(II)

Electron-assisted magnetization tunneling in single spin systems (9 pages)	024412
Timofey Balashov, Christian Karlewski, Tobias Märkl, Gerd Schön, and Wulf Wulfhökel	
☞ Theory of the magnetic skyrmion glass (13 pages)	024413
Shintaro Hoshino and Naoto Nagaosa	
Emergent odd-parity multipoles and magnetoelectric effects on a diamond structure: Implication for the 5d transition metal oxides AOsO_4 ($A = \text{K, Rb, and Cs}$) (11 pages)	024414
Satoru Hayami, Hiroaki Kusunose, and Yukitoshi Motome	
Effect of chemical pressure on the crystal electric field states of erbium pyrochlore magnets (11 pages)	024415
J. Gaudet, A. M. Hallas, A. I. Kolesnikov, and B. D. Gaulin	
Magnetism of the A-site ordered perovskites $\text{CaCu}_3\text{Cr}_4\text{O}_{12}$ and $\text{LaCu}_3\text{Cr}_4\text{O}_{12}$ (9 pages)	024416
Jun Sugiyama, Hiroshi Nozaki, Izumi Umegaki, Kazutoshi Miwa, Wataru Higemoto, Eduardo J. Ansaldo, Jess H. Brewer, Hiroya Sakurai, Masahiko Isobe, Hidenori Takagi, and Martin Månsson	
Double-spiral magnetic structure of the Fe/Cr multilayer revealed by nuclear resonance reflectivity (6 pages)	024417
M. A. Andreeva, R. A. Baulin, A. I. Chumakov, R. Rüffer, G. V. Smirnov, Y. A. Babanov, D. I. Devyaterikov, M. A. Milyaev, D. A. Ponomarev, L. N. Romashev, and V. V. Ustinov	
☞ Origin of the net magnetic moment in LaCoO_3 (13 pages)	024418
G. M. Kaminsky, D. P. Belanger, F. Ye, J. A. Fernandez-Baca, J. Wang, M. Matsuda, and J.-Q. Yan	
Hyperfine interactions of Er^{3+} ions in Y_2SiO_5 : Electron paramagnetic resonance in a tunable microwave cavity (8 pages)	024419
Yu-Hui Chen, Xavier Fernandez-Gonzalvo, Sebastian P. Horvath, Jelena V. Rakonjac, and Jevon J. Longdell	
<i>Ab initio</i> calculation of spin fluctuation spectra using time-dependent density functional perturbation theory, plane waves, and pseudopotentials (11 pages)	024420
Kun Cao, Henry Lambert, Paolo G. Radaelli, and Feliciano Giustino	
Spin order in the charge disproportionated phases of the A-site layer ordered triple perovskite $\text{LaCa}_2\text{Fe}_3\text{O}_9$ (5 pages)	024421
Angel M. Arevalo-Lopez, Yoshiteru Hosaka, Haichuan Guo, Fabio Denis Romero, Takashi Saito, J. Paul Attfield, and Yuichi Shimakawa	
☞ Multispin-assisted optical pumping of bulk ^{13}C nuclear spin polarization in diamond (12 pages)	024422
Daniela Pagliero, K. R. Koteswara Rao, Pablo R. Zangara, Siddharth Dhomkar, Henry H. Wong, Andrea Abril, Nabeel Aslam, Anna Parker, Jonathan King, Claudia E. Avalos, Ashok Ajoy, Joerg Wrachtrup, Alexander Pines, and Carlos A. Meriles	
Comprehensive cluster-theory analysis of the magnetic structures and excitations in $\text{CoCl}_2 \cdot 2\text{H}_2\text{O}$ (9 pages)	024423
Jens Jensen, Jacob Larsen, and Ursula B. Hansen	
Magnetization precession by short-wavelength magnon excitations and spin-transfer torque (7 pages)	024424
Shizhu Qiao, Shishen Yan, Shishou Kang, Qiang Li, Yufeng Qin, Yinrui Zhao, Zhiyu Zhang, and Shuqing Li	
Nonlinear NMR and magnon BEC in antiferromagnetic materials with coupled electron and nuclear spin precession (11 pages)	024425
L. V. Abdurakhimov, M. A. Borich, Yu. M. Bunkov, R. R. Gazizulin, D. Konstantinov, M. I. Kurkin, and A. P. Tankeyev	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 2

JANUARY 2018-1(II)

Coupling between vortices and antivortices in a cross-tie wall studied by time-resolved SEMPA (7 pages)	024426
Fabian Klodt-Twesten, Susanne Kuhrau, Philipp Staeck, Demetrio R. Cavicchia, Fabian Lofink, Hans Peter Oepen, and Robert Frömter	
Spin-lattice relaxation of magnetic centers in molecular crystals at low temperature (18 pages)	024427
Le Tuan Anh Ho and Liviu F. Chibotaru	
Enhancement of exchange bias in ferromagnetic/antiferromagnetic core-shell nanoparticles through ferromagnetic domain wall formation (10 pages)	024428
Rui Wu (吴锐), Shilei Ding (丁石磊), Youfang Lai (赖有方), Guang Tian (田广), and Jinbo Yang (杨金波)	
Uniaxial strain modulation of the skyrmion phase transition in ferromagnetic thin films (7 pages)	024429
Jie Wang, Yinuo Shi, and Marc Kamlah	
Anomalous magnetic and spin glass behavior in Nb-substituted $\text{LaCo}_{1-x}\text{Nb}_x\text{O}_3$ (9 pages)	024430
Rishabh Shukla and R. S. Dhaka	
Spin-resolved inelastic electron scattering by spin waves in noncollinear magnets (15 pages)	024431
Flaviano José dos Santos, Manuel dos Santos Dias, Filipe Souza Mendes Guimarães, Juba Bouaziz, and Samir Lounis	
Dynamic scaling of topological ordering in classical systems (10 pages)	024432
Na Xu, Claudio Castelnovo, Roger G. Melko, Claudio Chamon, and Anders W. Sandvik	
 Direct measurement of the static and transient magneto-optical permittivity of cobalt across the entire M -edge in reflection geometry by use of polarization scanning (11 pages)	024433
Dmitriy Zusin, Phoebe M. Tengdin, Maithreyi Gopalakrishnan, Christian Gentry, Adam Blonsky, Michael Gerrity, Dominik Legut, Justin M. Shaw, Hans T. Nembach, T. J. Silva, Peter M. Oppeneer, Henry C. Kapteyn, and Margaret M. Murnane	
Global entanglement and quantum phase transitions in the transverse XY Heisenberg chain (8 pages)	024434
Roya Radgohar and Afshin Montakhab	
Superfluidity and superconductivity	
Microscopic investigation of the weakly correlated noncentrosymmetric superconductor SrAuSi_3 (6 pages)	024501
N. Barbero, P. K. Biswas, M. Isobe, A. Amato, E. Morenzoni, A. D. Hillier, H.-R. Ott, J. Mesot, and T. Shiroka	
Extensive impurity-scattering study on the pairing symmetry of monolayer FeSe films on SrTiO_3 (7 pages)	024502
Chong Liu, Jiahao Mao, Hao Ding, Rui Wu, Chenjia Tang, Fangsen Li, Ke He, Wei Li, Can-Li Song, Xu-Cun Ma, Zheng Liu, Lili Wang, and Qi-Kun Xue	
Weak three-dimensional mediators of two-dimensional triplet pairing (9 pages)	024503
Shane Kelly and S.-W. Tsai	
Superconducting fluctuations in $\text{FeSe}_{0.5}\text{Te}_{0.5}$ thin films probed via microwave spectroscopy (6 pages)	024504
Fuyuki Nabeshima, Kosuke Nagasawa, Atsutaka Maeda, and Yoshinori Imai	
Quantum vortex melting and phase diagram in the layered organic superconductor $\kappa\text{-(BEDT-TTF)}_2\text{Cu(NCS)}_2$ (7 pages)	024505
S. Uji, Y. Fujii, S. Sugiura, T. Terashima, T. Isono, and J. Yamada	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 97, NUMBER 2

JANUARY 2018-1(II)

Topology and symmetry of surface Majorana arcs in cyclic superconductors (<i>15 pages</i>)	024506
Takeshi Mizushima and Muneto Nitta	
Symmetry analysis of odd- and even-frequency superconducting gap symmetries for time-reversal symmetric interactions (<i>10 pages</i>)	024507
R. Matthias Geilhufe and Alexander V. Balatsky	
Vanishing Hall conductance in the phase-glass Bose metal at zero temperature (<i>6 pages</i>)	024508
Julian May-Mann and Philip W. Phillips	
Nuclear magnetic resonance in low-symmetry superconductors (<i>10 pages</i>)	024509
D. C. Cavanagh and B. J. Powell	
Excitation of terahertz modes localized on a layered superconductor: Anomalous dispersion and resonant transmission (<i>11 pages</i>)	024510
S. S. Apostolov, N. M. Makarov, and V. A. Yampol'skii	
Superconductivity, pairing symmetry, and disorder in the doped topological insulator $\text{Sn}_{1-x}\text{In}_x\text{Te}$ for $x \geq 0.10$ (<i>6 pages</i>)	024511
M. P. Smylie, H. Claus, W.-K. Kwok, E. R. Loudon, M. R. Eskildsen, A. S. Sefat, R. D. Zhong, J. Schneeloch, G. D. Gu, E. Bokari, P. M. Niraula, A. Kayani, C. D. Dewhurst, A. Snezhko, and U. Welp	
Charge response of the Majorana toric code (<i>11 pages</i>)	024512
Ananda Roy and Fabian Hassler	
Superconductor-insulator transition in fcc GeSb_2Te_4 at elevated pressures (<i>7 pages</i>)	024513
Bar Hen, Samar Layek, Moshe Goldstein, Victor Shelukhin, Mark Shulman, Michael Karpovski, Eran Greenberg, Eran Sterer, Yoram Dagan, Gregory Kh. Rozenberg, and Alexander Palevski	
Relativistic spin-polarized KKR theory for superconducting heterostructures: Oscillating order parameter in the Au layer of Nb/Au/Fe trilayers (<i>9 pages</i>)	024514
Gábor Csire, András Deák, Bendegúz Nyári, Hubert Ebert, James F. Annett, and Balázs Újfalussy	
<i>p</i> -wave superconductivity in weakly repulsive 2D Hubbard model with Zeeman splitting and weak Rashba spin-orbit coupling (<i>10 pages</i>)	024515
Henning G. Hugdal and Asle Sudbø	
Coexistence of multiphase superconductivity and ferromagnetism in lithiated iron selenide hydroxide $[(\text{Li}_{1-x}\text{Fe}_x)\text{OH}]\text{FeSe}$ (<i>5 pages</i>)	024516
Christian Urban, Ilya Valmianski, Ursula Pachmayr, Ali C. Basaran, Dirk Johrendt, and Ivan K. Schuller	
Spin-valve Josephson junctions for cryogenic memory (<i>9 pages</i>)	024517
Bethany M. Niedzielski, T. J. Bertus, Joseph A. Glick, R. Loloee, W. P. Pratt, Jr., and Norman O. Birge	
Bistability in a mesoscopic Josephson junction array resonator (<i>11 pages</i>)	024518
P. R. Muppalla, O. Gargiulo, S. I. Mirzaei, B. Prasanna Venkatesh, M. L. Juan, L. Grünhaupt, I. M. Pop, and G. Kirchmair	
Spin-isotropic continuum of spin excitations in antiferromagnetically ordered $\text{Fe}_{1.07}\text{Te}$ (<i>6 pages</i>)	024519
Yu Song, Xingye Lu, L.-P. Regnault, Yixi Su, Hsin-Hua Lai, Wen-Jun Hu, Qimiao Si, and Pengcheng Dai	
Landau levels from neutral Bogoliubov particles in two-dimensional nodal superconductors under strain and doping gradients (<i>9 pages</i>)	024520
Emilian M. Nica and Marcel Franz	