

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 102, NUMBER 7

AUGUST 2020-15(I)

Publisher's Note: Triply degenerate nodal points and topological phase transitions in NaCu_3Te_2 [Phys. Rev. B 96 , 241204(R) (2017)] (<i>1 page</i>).....	079902(E)
Yunyouyou Xia and Gang Li	
Erratum: Rocksalt ZnMgO alloys for ultraviolet applications: Origin of band-gap fluctuations and direct-indirect transitions [Phys. Rev. B 101 , 245202 (2020)] (<i>1 page</i>).....	079903(E)
I. Gorczyca, M. Wierzbowska, D. Jarosz, J. Z. Domagala, A. Reszka, D. Le Si Dang, F. Donatini, N. E. Christensen, and H. Teisseyre	
Erratum: First-principles study of the phonon replicas in the photoluminescence spectrum of $4H\text{-SiC}$ [Phys. Rev. B 101 , 045203 (2020)] (<i>3 pages</i>).....	079904(E)
Sai Lyu and Walter R. L. Lambrecht	

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 102, NUMBER 7

AUGUST 2020-15(I)

Fermi resonance in the Raman spectrum of graphene (<i>11 pages</i>)	075436
Dipankar Kalita, Michele Amato, Alexandre Artaud, Laëtitia Marty, Vincent Bouchiat, Johann Coraux, Christian Brouder, Michele Lazzeri, and Nedjma Bendiab	
All-electrical spectroscopy of topological phases in semiconductor-superconductor heterostructures (<i>12 pages</i>)	075437
Doru Sticlet, Cătălin Pașcu Moca, and Balázs Dóra	
View on Si(111)-(5×2)-Au with plasmon spectroscopy (<i>7 pages</i>)	075438
Z. Mamiyev and H. Pfnür	
Dynamical decoupling and recoupling of the Wigner solid to a liquid helium substrate (<i>6 pages</i>)	075439
David G. Rees, Sheng-Shiuan Yeh, Ban-Chen Lee, Simon K. Schnyder, Francis I. B. Williams, Juhn-Jong Lin, and Kimitoshi Kono	
Linearized spectral decimation in fractals (<i>9 pages</i>)	075440
Askar A. Iliasov, Mikhail I. Katsnelson, and Shengjun Yuan	
Bond strengthening in lateral heterostructures of transition metal dichalcogenides (<i>5 pages</i>)	075441
Il-Seok Jeong, Eun Gong Ahn, and Joo-Hyoung Lee	
Spatial ordering of the charge density waves in NbSe ₃ (<i>7 pages</i>)	075442
M. A. van Midden, H. J. P. van Midden, A. Prodan, J. C. Bennett, and E. Zupanič	
Magnetic Fabry-Pérot interferometer for valley filtering in a honeycomb-dice model (<i>11 pages</i>)	075443
F. Bouhadida, L. Mandhour, and S. Charfi-Kaddour	
Optical excitations and thermoelectric properties of two-dimensional holey graphene (<i>10 pages</i>)	075444
Deobrat Singh, Vivekanand Shukla, and Rajeev Ahuja	
Observation of microwave-induced resistance oscillations in a contactless geometry (<i>5 pages</i>)	075445
A. V. Shchepetilnikov, A. R. Khisameeva, Yu. A. Nefyodov, S. Schmult, and I. V. Kukushkin	
Quantum emitter interacting with a <i>h</i> -BN layer in the strong-coupling regime (<i>8 pages</i>)	075446
Vasilios Karanikolas	
Vertical bonding distances and interfacial band structure of PTCDA on a Sn-Ag surface alloy (<i>10 pages</i>)	075447
Johannes Knippertz, Leah L. Kelly, Markus Franke, Christian Kumpf, Mirko Cinchetti, Martin Aeschlimann, and Benjamin Stadtmüller	
Landau-Zener-Stückelberg-Majorana interferometry of a superconducting qubit in front of a mirror (<i>10 pages</i>) . . .	075448
P. Y. Wen, O. V. Ivakhnenko, M. A. Nakonechnyi, B. Suri, J.-J. Lin, W.-J. Lin, J. C. Chen, S. N. Shevchenko, Franco Nori, and I.-C. Hoi	
Thermal conductance enhanced via inelastic phonon transport by atomic vacancies at Cu/Si interfaces (<i>14 pages</i>)	075449
Zexi Lu, Anne M. Chaka, and Peter V. Sushko	

ERRATA

Erratum: Statistics of heat transport across a capacitively coupled double quantum dot circuit [Phys. Rev. B 99 , 195449 (2019)] (<i>1 page</i>)	079901(E)
Hari Kumar Yadalam and Upendra Harbola	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 102, NUMBER 7

AUGUST 2020-15(I)

Topological edge states of a graphene zigzag nanoribbon with spontaneous edge magnetism (<i>8 pages</i>)	075421
Ma Luo	
Fast evaluation of interaction integrals for confined systems with machine learning (<i>8 pages</i>)	075422
A. Mreńca-Kolasińska, K. Kolasiński, and B. Szafran	
Highly ordered silicide ripple patterns induced by medium-energy ion irradiation (<i>11 pages</i>)	075423
A. Redondo-Cubero, F. J. Palomares, R. Hübner, R. Gago, and L. Vázquez	
Non-Abelian braiding of Majorana-like edge states and topological quantum computations in electric circuits (<i>16 pages</i>)	075424
Motohiko Ezawa	
Electron transport properties of graphene nanoribbons with Gaussian deformation (<i>13 pages</i>)	075425
Van-Truong Tran, Jérôme Saint-Martin, and Philippe Dollfus	
Melting of spatially modulated phases at domain wall/surface junctions in antiferrodistortive multiferroics (<i>14 pages</i>)	075426
Anna N. Morozovska, Eugene A. Eliseev, Deyang Chen, Vladislav Shvetz, Christopher T. Nelson, and Sergei V. Kalinin	
Atomistic structure learning algorithm with surrogate energy model relaxation (<i>10 pages</i>)	075427
Henrik Lund Mortensen, Søren Ager Meldgaard, Malthe Kjær Bisbo, Mads-Peter V. Christiansen, and Bjørk Hammer	
Gate-tunable Casimir equilibria with transparent conductive oxides (<i>7 pages</i>)	075428
Lixin Ge, Xi Shi, Liang Liu, and Ke Gong	
Quantum dots in AA-stacked bilayer graphene (<i>8 pages</i>)	075429
H. S. Qasem, H. M. Abdullah, M. A. Shukri, H. Bahlouli, and U. Schwingenschlögl	
Transport properties of Majorana drumhead surface states in topological nodal-ring superconductors (<i>8 pages</i>) . . .	075430
Pei-Hao Fu, Jun-Feng Liu, and Jiansheng Wu	
Boron kagome-layer induced intrinsic superconductivity in a MnB ₃ monolayer with a high critical temperature (<i>6 pages</i>)	075431
Ziyang Qu, Fanjunjie Han, Tong Yu, Meiling Xu, Yinwei Li, and Guochun Yang	
Thermoelectric transport properties of ferromagnetic graphene with <i>CT</i> -invariant quantum spin Hall effect (<i>11 pages</i>)	075432
Miaomiao Wei, Min Zhou, Bin Wang, and Yanxia Xing	
Rippling of two-dimensional materials by line defects (<i>7 pages</i>)	075433
Topi Kähärä and Pekka Koskinen	
Long-range perturbation of helical edge states by nonmagnetic defects in two-dimensional topological insulators (<i>11 pages</i>)	075434
Vladimir A. Sablikov	
Exchange splitting and exchange-induced nonreciprocal photonic behavior of graphene in CrI ₃ -graphene van der Waals heterostructures (<i>9 pages</i>)	075435
Alexander M. Holmes, Samaneh Pakniyat, S. Ali Hassani Gangaraj, Francesco Monticone, Michael Weinert, and George W. Hanson	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 102, NUMBER 7

AUGUST 2020-15(I)

Defect formation in a graphene overlayer on ruthenium under high pressure (<i>11 pages</i>)	075406
Michele Pisarra, Cristina Díaz, and Fernando Martín	
Topological valley transport of gapped Dirac magnons in bilayer ferromagnetic insulators (<i>7 pages</i>)	075407
Xuechao Zhai and Yaroslav M. Blanter	
Enhanced CO tolerance of Pt clusters supported on graphene with lattice vacancies (<i>11 pages</i>)	075408
Yuji Hamamoto, Sasfan Arman Wella, Kouji Inagaki, Frank Abild-Pedersen, Thomas Bligaard, Ikutaro Hamada, and Yoshitada Morikawa	
Disorder information from conductance: A quantum inverse problem (<i>6 pages</i>)	075409
S. Mukim, F. P. Amorim, A. R. Rocha, R. B. Muniz, C. Lewenkopf, and M. S. Ferreira	
Magnetoplasmon resonances in nanoparticles (<i>6 pages</i>)	075410
Thomas Garm Pedersen	
Effective low-energy RKKY interaction in doped topological crystalline insulators (<i>16 pages</i>)	075411
Mohsen Yarmohammadi and Hosein Cheraghchi	
Light-induced bound electron states in two-dimensional systems: Contribution to electron transport (<i>10 pages</i>)	075412
O. V. Kibis, M. V. Boev, and V. M. Kovalev	
Origin and evolution of ultraflat bands in twisted bilayer transition metal dichalcogenides: Realization of triangular quantum dots (<i>11 pages</i>)	075413
Mit H. Naik, Sudipta Kundu, Indrajit Maity, and Manish Jain	
Interfacial characteristics, Schottky contact, and optical performance of a graphene/Ga ₂ SSe van der Waals heterostructure: Strain engineering and electric field tunability (<i>10 pages</i>)	075414
Hong T. T. Nguyen, Mohammed M. Obeid, Asadollah Bafekry, M. Idrees, Tuan V. Vu, Huynh V. Phuc, Nguyen N. Hieu, Le T. Hoa, Bin Amin, and Chuong V. Nguyen	
Hole-phonon interactions in quantum dots: Effects of phonon confinement and encapsulation materials on spin-orbit qubits (<i>16 pages</i>)	075415
Jing Li, Benjamin Venitucci, and Yann-Michel Niquet	
Orientational ordering of point dipoles on a sphere (<i>9 pages</i>)	075416
Andraž Gnidovec and Simon Čopar	
Flexoinduced ferroelectricity in low-dimensional transition metal dichalcogenides (<i>13 pages</i>)	075417
Anna N. Morozovska, Eugene A. Eliseev, Galina I. Dovbeshko, Maya D. Glinchuk, Yunseok Kim, and Sergei V. Kalinin	
Roles of nitrogen substitution and surface reconstruction in stabilizing nonpassivated single-layer diamond (<i>6 pages</i>)	075418
T. Pakornchote, A. Ektarawong, W. Busayaporn, U. Pinsook, and T. Bovornratanaraks	
Magnetization generated by microwave-induced Rashba interaction (<i>9 pages</i>)	075419
O. Entin-Wohlman, R. I. Shekhter, M. Jonson, and A. Aharony	
Entropy-controlled fully reversible nanostructure formation of Ge on miscut vicinal Si(001) surfaces (<i>13 pages</i>)	075420
Christian Grossauer, Vaclav Holy, and Gunther Springholz	

(Continued)

Quantum Hall states in inverted HgTe quantum wells probed by transconductance fluctuations (<i>9 pages</i>)	075302
S. Manton, C. Avogadri, S. S. Krishtopenko, S. Gebert, S. Ruffenach, C. Consejo, S. V. Morozov, N. N. Mikhailov, S. A. Dvoretzskii, W. Knap, S. Nanot, F. Teppe, and B. Jouault	
Analysis of mobility-limiting mechanisms of the two-dimensional hole gas on hydrogen-terminated diamond (<i>10 pages</i>)	075303
Ricardo Peterson, Mohamadali Malakoutian, Xiaoqing Xu, Caitlin Chapin, Srabanti Chowdhury, and Debbie G. Senesky	
Quantum Hall effect in wedge-shaped samples (<i>7 pages</i>)	075304
Shu-guang Cheng, Hua Jiang, Qing-Feng Sun, and X. C. Xie	
Hydrodynamic electron transport near charge neutrality (<i>12 pages</i>)	075305
Songci Li, Alex Levchenko, and A. V. Andreev	
Large-gap topological insulators in functionalized ordered double transition metal carbide MXenes (<i>8 pages</i>) . . .	075306
Zhi-Quan Huang, Mei-Ling Xu, Gennevieve Macam, Chia-Hsiu Hsu, and Feng-Chuan Chuang	
Interplay between fractional quantum Hall liquid and crystal phases at low filling (<i>12 pages</i>)	075307
Zheng-Wei Zuo, Ajit C. Balram, Songyang Pu, Jianyun Zhao, Thierry Jolicoeur, A. Wójs, and J. K. Jain	
Finite-size effects in wave transmission through plasmonic crystals: A tale of two scales (<i>18 pages</i>)	075308
Matthias Maier, Mitchell Luskin, and Dionisios Margetis	
Spectral properties of a Co-decorated quasi-two-dimensional GaSe layer (<i>7 pages</i>)	075309
Ireneusz Weymann, Maciej Zwierzycki, and Stefan Krompiewski	
Pseudospin-electric coupling for holes beyond the envelope-function approximation (<i>11 pages</i>)	075310
Pericles Philippopoulos, Stefano Chesi, Dimitrie Culcer, and W. A. Coish	
Efficient two-qubit pulse sequences beyond CNOT (<i>19 pages</i>)	075311
D. Zeuch and N. E. Bonesteel	
Statistically modeling optical linewidths of nitrogen vacancy centers in microstructures (<i>9 pages</i>)	075312
M. Kasperczyk, J. A. Zuber, A. Barfuss, J. Kölbl, V. Yurgens, S. Flågan, T. Jakubczyk, B. Shields, R. J. Warburton, and P. Maletinsky	
Surface physics, nanoscale physics, low-dimensional systems	
Ultrafast exciton dynamics in one- and two-dimensional <i>para</i> -sexiphenyl clusters (<i>16 pages</i>)	075401
Luxia Wang, Thomas Plehn, and Volkhard May	
Signatures of possible surface states in TaAs (<i>9 pages</i>)	075402
Nityan L. Nair, Marie-Eve Boulanger, Francis Laliberté, Sinead Griffin, Sanyum Channa, Anaëlle Legros, Wojciech Tabis, Cyril Proust, Jeffrey Neaton, Louis Taillefer, and James G. Analytis	
Bulk topological proximity effect in multilayer systems (<i>5 pages</i>)	075403
Jaromir Panas, Bernhard Irsigler, Jun-Hui Zheng, and Walter Hofstetter	
Diagnosis of bulk phase diagram of nonreciprocal topological lattices by impurity modes (<i>10 pages</i>)	075404
Yanxia Liu and Shu Chen	
Current vortices in aromatic carbon molecules (<i>10 pages</i>)	075405
Thomas Stegmann, John A. Franco-Villafañe, Yenni P. Ortiz, Michael Deffner, Carmen Herrmann, Ulrich Kuhl, Fabrice Mortessagne, Francois Leyvraz, and Thomas H. Seligman	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 102, NUMBER 7

AUGUST 2020-15(I)

Unfolding optical transition weights of impurity materials for first-principles LCAO electronic structure calculations (9 pages)	075143
Yung-Ting Lee, Chi-Cheng Lee, Masahiro Fukuda, and Taisuke Ozaki	
Electrically thick Fabry-Perot omega bianisotropic metasurfaces as virtual antireflective coatings and nonlocal field transformers (17 pages)	075144
Sherman W. Marcus and Ariel Epstein	
Universal nonequilibrium I - V curve near the two-channel Kondo-Luttinger quantum critical point (14 pages)	075145
C.-Y. Lin, Y.-Y. Chang, C. Rylands, N. Andrei, and C.-H. Chung	
 Supersymmetry method for interacting chaotic and disordered systems: The Sachdev-Ye-Kitaev model (16 pages)	075146
Tigran A. Sedrakyanyan and Konstantin B. Efetov	
Loop update for infinite projected entangled-pair states in two spatial dimensions (7 pages)	075147
Yi Zheng and Shuo Yang	
Flat bands in the CoSn-type compounds (11 pages)	075148
William R. Meier, Mao-Hua Du, Satoshi Okamoto, Narayan Mohanta, Andrew F. May, Michael A. McGuire, Craig A. Bridges, German D. Samolyuk, and Brian C. Sales	
Restoring the continuum limit in the time-dependent numerical renormalization group approach (25 pages)	075149
Jan Böker and Frithjof B. Anders	
Semiconductors I: bulk	
Resonant spin amplification meets electron spin resonance in n -GaAs (8 pages)	075201
V. V. Belykh, D. N. Sob'yanin, and A. R. Korotneva	
Accurate modeling of electron-hole binding in CuCl. I. Exciton states (8 pages)	075202
Selvakumar V. Nair, Junko Usukura, and Eiji Tokunaga	
Accurate modeling of electron-hole binding in CuCl. II. Biexciton wavefunction (10 pages)	075203
Junko Usukura, Selvakumar V. Nair, and Eiji Tokunaga	
Excitonic stimulated emission from $\text{Mg}_x\text{Zn}_{1-x}\text{O}$ films due to enhanced exciton binding energy (11 pages)	075204
Shusuke Fujii, Yutaka Adachi, and Takashi Uchino	
Intracavity third-harmonic generation in Si:B pumped by intense terahertz pulses (9 pages)	075205
Fanqi Meng, Mark D. Thomson, Qamar ul-Islam, Bernhard Klug, Alexej Pashkin, Harald Schneider, and Hartmut G. Roskos	
Pressure dependence of the interlayer and intralayer E_{2g} Raman-active modes of hexagonal BN up to the wurtzite phase transition (7 pages)	075206
Ramon Cuscó, Julio Pellicer-Porres, James H. Edgar, Jiahua Li, Alfredo Segura, and Luis Artús	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Two-dimensional electron gas of the In_2O_3 surface: Enhanced thermopower, electrical transport properties, and reduction by adsorbates or compensating acceptor doping (10 pages)	075301
Alexandra Papadogianni, Julius Rombach, Theresa Berthold, Vladimir Polyakov, Stefan Krischok, Marcel Himmerlich, and Oliver Bierwagen	

(Continued)

Low-frequency behavior of off-diagonal matrix elements in the integrable XXZ chain and in a locally perturbed quantum-chaotic XXZ chain (7 pages)	075127
Marlon Brenes, John Goold, and Marcos Rigol	
Majorana molecules and their spectral fingerprints (6 pages)	075128
J. E. Sanches, L. S. Ricco, Y. Marques, W. N. Mizobata, M. de Souza, I. A. Shelykh, and A. C. Seridonio	
Elastic properties of hidden order in URu ₂ Si ₂ are reproduced by a staggered nematic (9 pages)	075129
Jaron Kent-Dobias, Michael Matty, and B. J. Ramshaw	
Pressure and magnetic field effects on ferroelastic and antiferromagnetic orderings in honeycomb-lattice Mn ₂ V ₂ O ₇ (8 pages)	075130
H. C. Wu, D. J. Hsieh, T. W. Yen, P. J. Sun, D. Chandrasekhar Kakarla, J. L. Her, Y. H. Matsuda, C. K. Chang, Y. C. Lai, M. Gooch, L. Z. Deng, K. G. Webber, C. A. Lee, Mitch M. C. Chou, C. W. Chu, and H. D. Yang	
Quantum field theory of topological spin dynamics (40 pages)	075131
Predrag Nikolić	
η -pairing states as true scars in an extended Hubbard model (18 pages)	075132
Daniel K. Mark and Olexei I. Motrunich	
Ferromagnetic hybrid nodal loop and switchable type-I and type-II Weyl fermions in two dimensions (8 pages)	075133
Tingli He, Xiaoming Zhang, Ying Liu, Xuefang Dai, Guodong Liu, Zhi-Ming Yu, and Yugui Yao	
Spectroscopic signatures of next-nearest-neighbor hopping in the charge and spin dynamics of doped one-dimensional antiferromagnets (12 pages)	075134
Umesh Kumar, Alberto Nocera, Gregory Price, Kenneth Stiwwinter, Steven Johnston, and Trinanjan Datta	
Commuting projector models for (3+1)-dimensional topological superconductors via a string net of (1+1)-dimensional topological superconductors (14 pages)	075135
Ryohei Kobayashi	
Higgs-like modes in two-dimensional spatially indirect exciton condensates (10 pages)	075136
Fei Xue, Fengcheng Wu, and A. H. MacDonald	
Origin of the large magnetoresistance in the candidate chiral superconductor 4H _b -TaS ₂ (6 pages)	075138
J. J. Gao, J. G. Si, X. Luo, J. Yan, Z. Z. Jiang, W. Wang, Y. Y. Han, P. Tong, W. H. Song, X. B. Zhu, Q. J. Li, W. J. Lu, and Y. P. Sun	
Large magnetoresistance and quantum oscillations of a ternary boride MoAlB single crystal (6 pages)	075139
Lingxiao Zhao, Liangcai Xu, Linchao Ding, Huakun Zuo, and Zengwei Zhu	
Signatures of multiple charge excitations in resonant inelastic x-ray scattering spectra of metals (13 pages)	075140
I. S. Tupitsyn, A. M. Tsvelik, R. M. Konik, and N. V. Prokof'ev	
Topological Dirac states in a layered telluride TaPdTe ₅ with quasi-one-dimensional PdTe ₂ chains (11 pages)	075141
Wen-He Jiao, Xiao-Meng Xie, Yi Liu, Xiaofeng Xu, Bin Li, Chun-Qiang Xu, Ji-Yong Liu, Wei Zhou, Yu-Ke Li, Hai-Yang Yang, Shan Jiang, Yongkang Luo, Zeng-Wei Zhu, and Guang-Han Cao	
Diagnosis of explicit symmetry breaking in the tight-binding constructions for symmetry-protected topological systems (5 pages)	075142
Xiaoyu Wang and Oskar Vafek	

(Continued)

Anomalous Hall effect in κ -type organic antiferromagnets (<i>11 pages</i>)	075112
Makoto Naka, Satoru Hayami, Hiroaki Kusunose, Yuki Yanagi, Yukitoshi Motome, and Hitoshi Seo	
Thermal Hall effect in the pseudogap phase of cuprates (<i>5 pages</i>)	075113
Chandra M. Varma	
Resistivity phase diagram of cuprates revisited (<i>11 pages</i>)	075114
D. Pelc, M. J. Veit, C. J. Dorow, Y. Ge, N. Barišić, and M. Greven	
Quantitative and qualitative performance of density functional theory rationalized by reduced density gradient distributions (<i>13 pages</i>)	075115
Ageo Meier de Andrade, Jolla Kullgren, and Peter Broqvist	
Effect of topology on quasiparticle interactions in the Weyl semimetal WP_2 (<i>9 pages</i>)	075116
Dirk Wulferding, Peter Lemmens, Florian Büscher, David Schmeltzer, Claudia Felser, and Chandra Shekhar	
Stoichiometric and off-stoichiometric full Heusler $Fe_2V_{1-x}W_xAl$ thermoelectric systems (<i>11 pages</i>)	075117
B. Hinterleitner, P. Fuchs, J. Rehak, F. Garmroudi, M. Parzer, M. Waas, R. Svagera, S. Steiner, M. Kishimoto, R. Moser, R. Podloucky, and E. Bauer	
Photoinduced dynamics of excitonic order and Rabi oscillations in the two-orbital Hubbard model (<i>20 pages</i>)	075118
Yasuhiro Tanaka and Kenji Yonemitsu	
Chiral sensing with achiral isotropic metasurfaces (<i>15 pages</i>)	075119
Sotiris Droulias	
Atomic frustrated impurity states in Weyl metals (<i>5 pages</i>)	075120
W. N. Mizobata, Y. Marques, M. Penha, J. E. Sanches, L. S. Ricco, M. de Souza, I. A. Shelykh, and A. C. Seridonio	
Nonequilibrium interplay between Andreev bound states and Kondo effect (<i>12 pages</i>)	075121
Jiangbo He, Dong Pan, Guang Yang, Mingli Liu, Jianghua Ying, Zhaozheng Lyu, Jie Fan, Xiunian Jing, Guangtong Liu, Bo Lu, Dong E. Liu, Jianhua Zhao, Li Lu, and Fanming Qu	
Optical conductivity of the type-II Weyl semimetal WTe_2 under pressure (<i>9 pages</i>)	075122
M. Krottenmüller, J. Ebad-Allah, V. Süß, C. Felser, and C. A. Kuntscher	
Dynamics of the vacuum state in a periodically driven Rydberg chain (<i>16 pages</i>)	075123
Bhaskar Mukherjee, Arnab Sen, Diptiman Sen, and K. Sengupta	
Thickness dependence of electronic structure and optical properties of a correlated van der Waals antiferromagnetic $NiPS_3$ thin film (<i>8 pages</i>)	075124
Christopher Lane and Jian-Xin Zhu	
Thermodynamic classification of three-dimensional Kitaev spin liquids (<i>24 pages</i>)	075125
Tim Eschmann, Petr A. Mishchenko, Kevin O'Brien, Troels A. Bojesen, Yasuyuki Kato, Maria Hermanns, Yukitoshi Motome, and Simon Trebst	
Magnetic field induced structural changes in magnetite observed by resonant x-ray diffraction and Mössbauer spectroscopy (<i>15 pages</i>)	075126
T. Kołodziej, I. Biało, W. Tabiś, M. Zubko, J. Żukrowski, K. Łątka, J. E. Lorenzo, C. Mazzoli, Z. Kąkol, A. Kozłowski, Z. Tarnawski, E. Wilke, P. Babik, V. Chlan, R. Řezníček, H. Štěpánková, P. Novák, Y. Joly, J. Niewolski, and J. M. Honig	

(Continued)

ARTICLES

Electronic structure and strongly correlated systems

- Quantum interference effects of out-of-plane confinement on two-dimensional electron systems in oxides (9 pages) 075101
A. F. Santander-Syro, J. Dai, T. C. Rödel, E. Frantzeskakis, F. Fortuna, R. Weht, and M. J. Rozenberg
- Nonlocal effects and enhanced nonreciprocity in current-driven graphene systems (10 pages) 075102
Tiago A. Morgado and Mário G. Silveirinha
- Symmetry analysis and multipole classification of eigenmodes in electromagnetic resonators for engineering their optical properties (12 pages) 075103
Sergey Gladyshev, Kristina Frizyuk, and Andrey Bogdanov
- Variational quantum eigensolver for frustrated quantum systems (6 pages) 075104
Alexey Uvarov, Jacob D. Biamonte, and Dmitry Yudin
- Instantaneous braids and Dehn twists in topologically ordered states (44 pages) 075105
Guanyu Zhu, Ali Lavasani, and Maissam Barkeshli
- Microscopic magnetic Hamiltonian for exotic spin textures in metals (6 pages) 075106
Deepak S. Kathyat, Arnob Mukherjee, and Sanjeev Kumar
- Anomalous light transport induced by deeply subwavelength quasiperiodicity in multilayered dielectric metamaterials (13 pages) 075107
Marino Coppelaro, Giuseppe Castaldi, and Vincenzo Galdi
- Resonating valence bond theory of anomalous spin dynamics of spin- $\frac{1}{2}$ triangular lattice Heisenberg antiferromagnet and its application to $\text{Ba}_3\text{CoSb}_2\text{O}_9$ (10 pages) 075108
Chun Zhang and Tao Li
- Vacancies in graphene: Dirac physics and fractional vacuum charges (6 pages) 075109
Omrie Ovdad, Yaroslav Don, and Eric Akkermans
- Quadrupolar spin liquid, octupolar Kondo coupling, and odd-frequency superconductivity in an exactly solvable model (16 pages) 075110
Carlene S. de Farias, Vanuildo S. de Carvalho, Eduardo Miranda, and Rodrigo G. Pereira
- Near Fermi level electronic structure of Ti_3SiC_2 revealed by angle-resolved photoemission spectroscopy (11 pages) 075111
Damir Pinek, Takahiro Ito, Kanji Furuta, Youngsoo Kim, Masashi Ikemoto, Shin-ichiro Ideta, Kiyohisa Tanaka, Masashi Nakatake, Patrick Le Fèvre, Francois Bertran, and Thierry Ouisse

