

Exciton-activated effective phonon magnetic moment in monolayer MoS ₂ (10 pages)	155426
Chunli Tang, Gaihua Ye, Cynthia Nnokwe, Mengqi Fang, Li Xiang, Masoud Mahjouri-Samani, Dmitry Smirnov, Eui-Hyeok Yang, Tingting Wang, Lifa Zhang, Rui He, and Wencan Jin	
Realization of semimagnetic and magnetic topological insulators via topological surface states floating (7 pages)	155427
Xuqi Li, Huihui Zhang, Hong Xu, Haidan Sang, Xiaonan Wang, Shifei Qi, and Zhenhua Qiao	
Nondegenerate two-photon lasing in a single quantum dot (13 pages)	155428
Sami Kumar Hazra, Lavakumar Addepalli, P. K. Pathak, and Tarak Nath Dey	
In-plane magnetic field driven conductance modulations in topological insulator kinks (6 pages)	155429
Gerrit Behner, Kristof Moors, Yong Zhang, Michael Schleenvoigt, Alina Rupp, Erik Zimmermann, Abdur Rehman Jalil, Peter Schüffegen, Hans Lüth, Detlev Grützmacher, and Thomas Schäpers	
Negative electronic compressibility in charge islands in twisted bilayer graphene (15 pages)	155430
Robin J. Dolleman, Alexander Rothstein, Ammon Fischer, Lennart Klebl, Lutz Waldecker, Kenji Watanabe, Takashi Taniguchi, Dante M. Kennes, Florian Libisch, Bernd Beschoten, and Christoph Stampfer	
Microwave spectroscopy of the Schmid transition (10 pages)	155431
Manuel Houzet, Tsuyoshi Yamamoto, and Leonid I. Glazman	
Dynamics and condensation of polaritons in an optical nanocavity coupled to two-dimensional materials (13 pages)	155432
Maria Vittoria Gurrieri, Emil V. Denning, Kristian Seegert, Philip T. Kristensen, and Jesper Mørk	
Spectral shifts in tip-induced light from plasmonic nanoparticles in air (9 pages)	155433
Mario Zapata-Herrera, Benoît Rogez, Sylvie Marguet, Gérald Dujardin, Elizabeth Boer-Duchemin, and Eric Le Moal	
Topological phases of many-body non-Hermitian systems (14 pages)	155434
Kui Cao and Su-Peng Kou	
Localized and extended collective optical phonon modes in regular and random arrays of contacting nanoparticles: Escape from phonon confinement (13 pages)	155435
S. V. Koniakhin, O. I. Utesov, and A. G. Yashenkin	
Multiple wave packets running in the photon number space (10 pages)	155436
L. Nimmesgern, M. Cygorek, A. Mielnik-Pyszcorski, D. E. Reiter, A. Vagov, and V. M. Axt	
Diagrammatic approach to excitonic effects on nonlinear optical response (22 pages)	155437
Yu-Tzu Chang and Yang-Hao Chan	

ERRATA

Erratum: Simultaneous measurements of nuclear-spin heat capacity, temperature, and relaxation in GaAs microstructures [Phys. Rev. B 105 , 155305 (2022)] (1 page)	159901(E)
M. Vladimirova, S. Cronenberger, A. Colombier, D. Scalbert, V. M. Litvyak, K. V. Kavokin, and A. Lemaître	
Erratum: Explaining the thickness-dependent dielectric permittivity of thin films [Phys. Rev. B 109 , 115435 (2024)] (1 page)	159902(E)
Alessio Zaccone	

Symmetry breaking and structural instability in ultrathin $2H\text{-TaS}_2$ across the charge density wave transition (7 pages)	155411
Divya Rawat, Aksa Thomas, Ajay Partap Singh Rana, Chandan Bera, and Ajay Soni	
Electronic and magnetotransport properties of twisted bilayer graphene in the presence of external electric and magnetic fields (13 pages)	155412
Priyanka Sinha, Ayan Mondal, Simão Meneses João, and Bheema Lingam Chittari	
Impact of four-phonon scattering on thermal transport in carbon nanotubes (5 pages)	155413
Ankit Jain	
Butterfly-shape hourglass type-II nodal birdcage and multiple quadratic nodal-line phonons in BaXN_2 ($X = \text{Ti, Zr, Hf}$) (9 pages)	155414
Xiang-Feng Yang, Zhe-Qi Wang, and Hua-Hua Fu	
Tunneling between two systems of interacting chiral fermions (5 pages)	155415
D. B. Karki and K. A. Matveev	
Symmetry-driven valleytronics in the single-layer tin chalcogenides SnS and SnSe (9 pages)	155416
Nguyen Thanh Tien, Pham Thi Bich Thao, Nguyen Thi Han, and Vo Khuong Dien	
Valley quantum interference modulated by hyperbolic shear polaritons (11 pages)	155417
Guangyi Jia, Jinxuan Luo, Congyu Cui, Ruijuan Kou, Yali Tian, and Mathias Schubert	
Significantly enhanced tunneling electroresistance in two-dimensional ferroelectric tunnel junctions realized by reversible Schottky-Ohmic contact switching (7 pages)	155418
Guogang Liu, Zhonghui Xu, Xianbo Xiao, and San-Huang Ke	
Photodriven germanium hole qubit (15 pages)	155419
Bashab Dey and John Schliemann	
Bilinear magnetoresistance and planar Hall effect in topological insulators: Interplay of scattering on spin-orbital impurities and nonequilibrium spin polarization (11 pages)	155420
K. Boboshko and A. Dyrdał	
Polar and layered wide-bandgap semiconductors WO_2Cl_2 and MoO_2Br_2 with giant birefringence, large second harmonic and ferroelectric photovoltaic effects (8 pages)	155421
Hao Huo, Xiao Jiang, and Lei Kang	
Twisted bilayer graphene revisited: Minimal two-band model for low-energy bands (11 pages)	155422
Daniel Bennett, Daniel T. Larson, Louis Sharma, Stephen Carr, and Efthimios Kaxiras	
Exciton-exciton interaction: A quantitative comparison between complimentary phenomenological models (9 pages)	155423
Pradeep Kumar, Bhaskar De, Rishabh Tripathi, and Rohan Singh	
Efficient photon-pair generation empowered by dual quasibound states in the continuum (8 pages)	155424
Tingting Liu, Meibao Qin, Siqi Feng, Xu Tu, Tianjing Guo, Feng Wu, and Shuyuan Xiao	
Ultrafast high harmonic generation in transition metal dichalcogenide quantum dots (14 pages)	155425
Aranyo Mitra, Ahmal Jawad Zafar, Sayed Jaber Hosseini, and Vadym Apalkov	

(Continued)

Surface recombination and out-of-plane diffusivity of free excitons in hexagonal boron nitride (<i>10 pages</i>)	155305
Sébastien Roux, Christophe Arnold, Etienne Carré, Eli Janzen, James H. Edgar, Camille Maestre, Bérangère Toury, Catherine Journet, Vincent Garnier, Philippe Steyer, Takashi Taniguchi, Kenji Watanabe, Annick Loiseau, and Julien Barjon	
Electric dipole spin resonance in a single- and two-electron quantum dot defined in two-dimensional electron gas at the SrTiO ₃ /LaAlO ₃ interface (<i>16 pages</i>)	155306
B. Szafran, M. Zegrodnik, M. P. Nowak, R. Citro, and P. Wójcik	
Quasiclassical Anderson transition and thermally activated percolative charge transport in single-crystalline ScN (<i>11 pages</i>)	155307
Dheemahi Rao, Debendra Prasad Panda, Ashalatha Indiradevi Kamalasanan Pillai, Akhil Tayal, Magnus Garbrecht, and Bivas Saha	
☞ Photon statistics of resonantly driven spectrally diffusive quantum emitters (<i>10 pages</i>)	155308
Aymeric Delteil, Stéphanie Buil, and Jean-Pierre Hermier	
Surface physics, nanoscale physics, low-dimensional systems	
Localized Floquet states in gated bilayer graphene induced by a focused optical beam with orbital angular momentum (<i>8 pages</i>)	155401
Ma Luo	
Thermoelectric performance of nanojunctions subjected to microwave-driven spin-orbit coupling (<i>14 pages</i>)	155402
Debashree Chowdhury, O. Entin-Wohlman, and A. Aharony	
Tuning the spin-orbit coupling, magnetic proximity, and band hybridization in Fe(001)/MgO/MoS ₂ multilayers (<i>16 pages</i>)	155403
P. Marcon, R. Arras, D. Li, and L. Calmels	
Measurement of the Chern number for non-Hermitian Chern insulators (<i>15 pages</i>)	155404
Hongfang Liu, Ming Lu, Shengdu Chai, Zhi-Qiang Zhang, and Hua Jiang	
Directional light emission from WS ₂ monolayer driven by self-hybridized van der Waals nanoresonator (<i>7 pages</i>)	155405
Shiyu Shen, Haojie Zhou, Peng Xie, Qi Ding, Ling Yue, Jinglei Du, Hong Zhang, and Wei Wang	
Geometry of the dephasing sweet spots of spin-orbit qubits (<i>14 pages</i>)	155406
Lorenzo Mauro, Esteban A. Rodríguez-Mena, Marion Bassi, Vivien Schmitt, and Yann-Michel Niquet	
Reversal of orbital Hall conductivity and emergence of tunable topological quantum states in orbital Hall insulators (<i>6 pages</i>)	155407
Shilei Ji, Chuye Quan, Ruijia Yao, Jianping Yang, and Xing'ao Li	
Engineering the in-plane anomalous Hall effect in Cd ₃ As ₂ thin films (<i>8 pages</i>)	155408
Wangqian Miao, Binghao Guo, Susanne Stemmer, and Xi Dai	
Nonequilibrium field theory with a temperature gradient: Thermal current in a nanowire (<i>6 pages</i>)	155409
Yuan Gao and K. A. Muttalib	
Topological origin of antichiral edge states induced by a nonchiral phonon (<i>10 pages</i>)	155410
Yunlong Su and Gang Li	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 109, NUMBER 15

APRIL 2024-15(I)

Moiré semiconductors on the twisted bilayer dice lattice (<i>10 pages</i>)	155159
Di Ma, Yu-Ge Chen, Yue Yu, and Xi Luo	
Entanglement and topology in Su-Schrieffer-Heeger cavity quantum electrodynamics (<i>9 pages</i>)	155160
Daniel Shaffer, Martin Claassen, Ajit Srivastava, and Luiz H. Santos	
Chiral spin liquid in a $\mathbb{Z}_3$ Kitaev model (<i>10 pages</i>)	155161
Li-Mei Chen, Tyler D. Ellison, Meng Cheng, Peng Ye, and Ji-Yao Chen	
Disorder and non-Hermiticity in Kitaev spin liquids with a Majorana Fermi surface (<i>12 pages</i>)	155162
Lukas Rødland, Carlos Ortega-Taberner, Megha Agarwal, and Maria Hermanns	
Block Mott insulating state induced by next-nearest-neighbor hopping in the $S = \frac{3}{2}$ zigzag chain BaCoTe ₂ O ₇ (<i>8 pages</i>)	155163
Ling-Fang Lin, Yang Zhang, Gonzalo Alvarez, Adriana Moreo, and Elbio Dagotto	
Generalized transmon Hamiltonian for Andreev spin qubits (<i>23 pages</i>)	155164
Luka Pavešić and Rok Žitko	
Semiconductors I: bulk	
Analytical model for a hydrogen atom in a magnetic field: Implications for the diamagnetic shift (<i>8 pages</i>)	155201
Duncan K. Maude, Paulina Plochocka, and Zhuo Yang	
Pressure-dependent excitonic instability and structural phase transition in Ta ₂ NiS ₅ : Raman and first-principles study (<i>9 pages</i>)	155202
Sukanya Pal, Arijit Sinha, Luminita Harnagea, Prachi Telang, D. V. S. Muthu, U. V. Waghmare, and A. K. Sood	
Understanding of isoelectronic alloying induced energy gap variation for a large enhancement of thermoelectric power factor (<i>12 pages</i>)	155203
Xingyan Dong, Jianbo Zhu, Yu-ke Zhu, Ming Liu, Liangjun Xie, Nuo Qu, Yifan Jin, Xiaohan Jiang, Fengkai Guo, Zihang Liu, Wei Cai, and Jiehe Sui	
High-order phonon anharmonicity and thermal conductivity in GaN (<i>8 pages</i>)	155204
Bin Wei, Yongheng Li, Wang Li, Kai Wang, Qiyang Sun, Xiaolong Yang, Douglas L. Abernathy, Qilong Gao, Chen Li, Jiawang Hong, and Yuan-Hua Lin	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Clock generator based on a vortex attractor in polariton superfluids (<i>7 pages</i>)	155301
Xuemei Sun, Gang Wang, Kailin Hou, Huarong Bi, Yan Xue, and Alexey Kavokin	
Nonreciprocal ballistic transport in asymmetric bands (<i>7 pages</i>)	155302
M. H. Zou, H. Geng, R. Ma, Wei Chen, L. Sheng, and D. Y. Xing	
Near-field heat transfer and drag resistance in bilayers of composite fermions (<i>11 pages</i>)	155303
Dmitry Zverevich and Alex Levchenko	
Longitudinal coupling between electrically driven spin qubits and a resonator (<i>19 pages</i>)	155304
Sarath Prem, Pei-Xin Shen, Marcin M. Wysokiński, and Mircea Trif	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 109, NUMBER 15

APRIL 2024-15(I)

Feature-energy duality of topological boundary states in a multilayer quantum spin Hall insulator (7 pages)	155143
Yueh-Ting Yao, Xiaoting Zhou, Yi-Chun Hung, Hsin Lin, Arun Bansil, and Tay-Rong Chang	
Disorder-induced topological phase transition in a driven Majorana chain (10 pages)	155144
Henry Ling, Philip Richard, Saeed Rahmanian Koshkaki, Michael Kolodrubetz, Dganit Meidan, Aditi Mitra, and T. Peregr-Barnea	
Two-dimensional hydrodynamic electron flow through periodic and random potentials (8 pages)	155145
Aaron Hui, Calvin Pozderac, and Brian Skinner	
Double Dirac nodal lines enforced by multiple nonsymmorphic symmetries (6 pages)	155146
Gijeong An, Yoonseok Hwang, Yunjae Kim, Changmo Kang, Yoonah Chung, Minsu Kim, Seyeong Cha, Changmin Jin, Yeryn Kim, Suklyun Hong, Bohm-Jung Yang, and Keun Su Kim	
Pressure-induced large valence transitions in Yb-Cu binary intermetallic systems (10 pages)	155147
Hitoshi Yamaoka, Ayako Ohmura, Naohito Tsujii, Hirofumi Ishii, Nozomu Hiraoka, Hitoshi Sato, and Masahiro Sawada	
TiF ₃ : Almost nonmagnetic state of a spin- $\frac{1}{2}$ system (4 pages)	155148
R. J. Radwanski and Z. Ropka	
Spin-orbit coupling in a half-filled t_{2g} shell: The case of $5d^3$ K ₂ ReCl ₆ (16 pages)	155149
P. Warzanowski, M. Magnaterra, G. Schlicht, Q. Faure, Ch. J. Sahle, P. Becker, L. Bohatý, M. Moretti Sala, G. Monaco, M. Hermanns, P. H. M. van Loosdrecht, and M. Grüninger	
Compact Wannier functions in one dimension (14 pages)	155150
Pratik Sathe and Rahul Roy	
Axionic instability of periodic Weyl-semimetal superstructures (7 pages)	155151
Tommy Li and Maxim Breitzkreiz	
Magnetotransport and electronic structure of EuAuSb: A candidate antiferromagnetic Dirac semimetal (10 pages)	155152
D. Ram, J. Singh, S. Banerjee, A. Sundaresan, D. Samal, V. Kanchana, and Z. Hossain	
Switchable in-plane anomalous Hall effect by magnetization orientation in monolayer Mn ₃ Si ₂ Te ₆ (8 pages)	155153
Ding Li, Maoyuan Wang, Dengfeng Li, and Jianhui Zhou	
Modulation of chiral anomaly and bilinear magnetoconductivity in Weyl semimetals by impurity resonance states (11 pages)	155154
Mei-Wei Hu, Zhuo-Yan Fang, Hou-Jian Duan, Mou Yang, Ming-Xun Deng, and Rui-Qiang Wang	
Role of interband and intraband current in laser interaction with bichromatic quasiperiodic crystals (9 pages)	155155
Amol R. Holkundkar, Nivash R, and Jayendra N. Bandyopadhyay	
Electronic properties of hydrogen-doped square-planar nickelates (12 pages)	155156
Xuelel Sui, Xiangru Han, Heng Jin, Xiaoqiang Wu, Liang Qiao, Xiaohong Shao, and Bing Huang	
Dual Bethe-Salpeter equation for the multiorbital lattice susceptibility within dynamical mean-field theory (15 pages)	155157
Erik G. C. P. van Loon and Hugo U. R. Strand	
Calogero model for the non-Abelian quantum Hall effect (23 pages)	155158
Jean-Emile Bourguin and Yutaka Matsuo	

(Continued)

Thermodynamics based on neural networks (<i>16 pages</i>)	155128
Dennis Wagner, Andreas Klümper, and Jesko Sirker	
Magnetic field-temperature phase diagram of the spin- $\frac{1}{2}$ triangular lattice antiferromagnet KYbSe ₂ (<i>8 pages</i>)	155129
Sangyun Lee, Andrew J. Woods, Minseong Lee, Shengzhi Zhang, Eun Sang Choi, A. O. Scheie, D. A. Tennant, J. Xing, A. S. Sefat, and R. Movshovich	
Possible candidate for the realization of the floating phase in the $S = \frac{5}{2}$ frustrated spin-chain model: K ₃ Fe(MoO ₄) ₂ (Mo ₂ O ₇) (<i>7 pages</i>)	155130
K. Boya, K. Nam, K. Kargeti, S. Ershadrad, R. Kumar, S. K. Panda, B. Sanyal, A. K. Manna, P. L. Paulose, Kee Hoon Kim, and B. Koteswararao	
Delicate semimetals: Protected gapless phases from unstable homotopies (<i>6 pages</i>)	155131
Bhandaru Phani Parasar and Vijay B. Shenoy	
Strain effects on insulator-to-metal transition and electronic structure in VO ₂ (<i>9 pages</i>)	155132
S. R. Sahu, S. S. Majid, A. Tripathy, N. Bano, A. Ahad, Hyungwoo Lee, V. G. Sathe, and D. K. Shukla	
Excitons in layered BiI ₃ : Effects of dimensionality and crystal anisotropy (<i>13 pages</i>)	155133
Jorge Cervantes-Villanueva, Fulvio Paleari, Alberto García-Cristóbal, Davide Sangalli, and Alejandro Molina-Sánchez	
Hybrid functionals with nonempirical Hartree-Fock parameters for electronic structure calculation of layered oxides (<i>12 pages</i>)	155134
Konstantin Köster and Payam Kaghazchi	
Crafting crystalline topological insulators via accidental mode degeneracies (<i>6 pages</i>)	155135
Konstantin Rodionenko, Maxim Mazanov, and Maxim A. Gorlach	
Theory for Cd ₃ As ₂ thin films in the presence of magnetic fields (<i>16 pages</i>)	155136
M. Smith, Victor L. Quito, A. A. Burkov, P. P. Orth, and I. Martin	
Topologically compatible non-Hermitian skin effect (<i>10 pages</i>)	155137
Rijia Lin and Linhu Li	
Single-parameter variational wave functions for quantum Hall bilayers (<i>6 pages</i>)	155138
Qi Hu, Titus Neupert, and Glenn Wagner	
Band gap formation in commensurate twisted bilayer graphene/hBN moiré lattices (<i>16 pages</i>)	155139
A. Rothstein, C. Schattauer, R. J. Dolleman, S. Trellenkamp, F. Lentz, K. Watanabe, T. Taniguchi, D. M. Kennes, B. Beschoten, C. Stampfer, and F. Libisch	
Gauge-gravity duality comes to the laboratory: Evidence of momentum-dependent scaling exponents in the nodal electron self-energy of cuprate strange metals (<i>23 pages</i>)	155140
E. Mauri, S. Smit, M. S. Golden, and H. T. C. Stoof	
Current-induced spin polarization in chiral tellurium: A first-principles quantum transport study (<i>11 pages</i>)	155141
Reena Gupta and Andrea Droghetti	
Pairwise annihilation of Weyl nodes induced by magnetic fields in the Hofstadter regime (<i>15 pages</i>)	155142
Faruk Abdulla	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 109, NUMBER 15

APRIL 2024-15(I)

Fermionic skyrmions and bosonization for a Gross-Neveu transition (<i>16 pages</i>)	155112
Xiao Yan Xu and Tarun Grover	
Spin correlations in the bilayer Hubbard model with perpendicular electric field (<i>15 pages</i>)	155113
Jiawei Yan and Philipp Werner	
Layer Hall counterflow as a model probe of magic-angle twisted bilayer graphene (<i>13 pages</i>)	155114
Jihang Zhu, Dawei Zhai, Cong Xiao, and Wang Yao	
Emergence of monolayer electron behavior in bulk van der Waals superlattice (<i>7 pages</i>)	155115
Pengfei Ding, Jun-Fa Lin, Peihan Sun, Rui Lou, Alexander Fedorov, Zhi-Xiao He, Huan Ma, Zuoping Zhou, Bernd Büchner, Xi Chen, Kai Liu, Tian-Long Xia, and Shancai Wang	
Bound states and local topological phase diagram of classical impurity spins coupled to a Chern insulator (<i>14 pages</i>)	155116
Simon Michel, Axel Fünfhaus, Robin Quade, Roser Valentí, and Michael Potthoff	
Quantum oscillations in the kagome metals (Ti,Zr,Hf)V ₆ Sn ₆ at Van Hove filling (<i>8 pages</i>)	155117
Miao He, Xitong Xu, Ding Li, Qingqi Zeng, Yonglai Liu, Haitian Zhao, Shiming Zhou, Jianhui Zhou, and Zhe Qu	
Crossover from ordinary to higher order Van Hove singularity in a honeycomb system: A parquet renormalization group analysis (<i>19 pages</i>)	155118
Yueh-Chen Lee, Dmitry V. Chichinadze, and Andrey V. Chubukov	
Two-channel Kondo problem in coupled interacting helical liquids (<i>15 pages</i>)	155119
Sourav Biswas, Alessandro De Martino, Sumathi Rao, and Arijit Kundu	
Rich phase diagram of the prototypical iridate Ba ₂ IrO ₄ : Effective low-energy models and metal-insulator transition (<i>17 pages</i>)	155120
Francesco Cassol, Léo Gaspard, Michele Casula, Cyril Martins, and Benjamin Lenz	
Quantifying magnetic field driven lattice distortions in kagome metals at the femtometer scale using scanning tunneling microscopy (<i>10 pages</i>)	155121
Christopher Candelora, Hong Li, Muxian Xu, Brenden R. Ortiz, Andrea Capa Salinas, Siyu Cheng, Alexander LaFleur, Ziqiang Wang, Stephen D. Wilson, and Ilija Zeljkovic	
Phase diagram and critical behavior of the Hubbard model on the square-hexagon-octagon lattice (<i>11 pages</i>)	155122
Xinwei Jia, Dao-Xin Yao, and Han-Qing Wu	
Quantum skyrmion Hall effect (<i>13 pages</i>)	155123
Ashley M. Cook	
Complex time evolution in tensor networks and time-dependent Green's functions (<i>14 pages</i>)	155124
M. Grundner, P. Westhoff, F. B. Kugler, O. Parcollet, and U. Schollwöck	
Temperature effects in topological insulators of transition metal dichalcogenide monolayers (<i>14 pages</i>)	155125
Siyu Chen, Isaac J. Parker, and Bartomeu Monserrat	
Spectral form factors of topological phases (<i>11 pages</i>)	155126
Anurag Sarkar, Subrata Pachhal, Adhip Agarwala, and Diptarka Das	
Suppressed Kondo screening in two-dimensional altermagnets (<i>8 pages</i>)	155127
G. S. Diniz and E. Vernek	

(Continued)

ARTICLES

Electronic structure and strongly correlated systems

- Non-Fermi liquid fixed point of the dissipative Yukawa-Sachdev-Ye-Kitaev model (*15 pages*) 155101
Niklas Cichutek, Andreas Rückriegel, Max O. Hansen, and Peter Kopietz
- Fractional quantum Hall interface induced by geometric singularity (*11 pages*) 155102
Qi Li, Yi Yang, Zhou Li, Hao Wang, and Zi-Xiang Hu
- c*-axis electrical transport at the metamagnetic transition in the heavy-fermion superconductor UTe₂
under pressure (*19 pages*) 155103
G. Knebel, A. Pourret, S. Rousseau, N. Marquardt, D. Braithwaite, F. Honda, D. Aoki, G. Lapertot,
W. Knafo, G. Seyfarth, J-P. Brison, and J. Flouquet
- Comparison of the hidden order transition in URu₂Si₂ to the λ -transition in ⁴He (*12 pages*) 155104
W. Montfrooij and J. A. Mydosh
- Modular extension of topological orders from congruence representations (*14 pages*) 155105
Donghae Seo, Minyoung You, Gil Young Cho, and Hee-Cheol Kim
- Observation of orbital selective charge transfer in a Fe/BaTiO₃ interfacial two-dimensional electron gas (*6 pages*) 155106
Byungmin Sohn, Guillaume Marcaud, Yeongjae Shin, Sangjae Lee, Tyler Werner, Turgut Yilmaz,
Jinming Yang, Wenzheng Wei, Alexei Fedorov, Elio Vescovo, Yu He, Sohrab Ismail-Beigi,
Charles H. Ahn, and Frederick J. Walker
- Quantum oscillations in an excitonic insulating electron-hole bilayer (*10 pages*) 155107
Yuelin Shao and Xi Dai
- Bulk electronic structure of AV₃Sb₅ (*A* = K, Cs) studied by hard x-ray photoemission spectroscopy:
Possibility of bond order without charge disproportionation (*7 pages*) 155108
D. Takegami, K. Fujinuma, R. Nakamura, M. Yoshimura, K.-D. Tsuei, N. L. Saini, Zhiwei Wang,
Jia-Xin Yin, and T. Mizokawa
- Path integral approach to quantum anomalies in interacting models (*28 pages*) 155109
Alireza Parhizkar, Colin Rylands, and Victor Galitski
- Fermionic versus bosonic thermalization in phonon-driven exciton dynamics: An analytic dimensionality
study (*15 pages*) 155110
Manuel Katzer, Malte Selig, and Andreas Knorr
- Two-particle correlation effects on nonlinear optical responses in the one-dimensional interacting
Rice-Mele model (*14 pages*) 155111
Akira Kofuji and Robert Peters



(Continued)



2469-9950(20240415)109:15;1-G