

Giant anisotropy and Casimir phenomena: The case of carbon nanotube metasurfaces (<i>9 pages</i>)	035422
Pablo Rodriguez-Lopez, Dai-Nam Le, Igor V. Bondarev, Mauro Antezza, and Lilia M. Woods	
Higher-order topological phase diagram revealed by anomalous Nernst effect in a Janus ScClII monolayer (<i>7 pages</i>)	035423
Ning-Jing Yang and Jian-Min Zhang	
Luminescence of black phosphorus films: Exfoliation-induced defects and confined excitations (<i>8 pages</i>)	035424
Etienne Carré, Lorenzo Sponza, Alain Lusson, Ingrid Stenger, Sébastien Roux, Frédéric Fossard, Denis Boivin, Nicolas Horezan, Victor Zatko, Bruno Dlubak, Pierre Seneor, Etienne Gaufrès, Annick Loiseau, and Julien Barjon	
Real-space topological localizer index to fully characterize the dislocation skin effect (<i>8 pages</i>)	035425
Nisarg Chadha, Ali G. Moghaddam, Jeroen van den Brink, and Cosma Fulga	
Rashba spin splitting based on trilayer graphene systems (<i>9 pages</i>)	035426
Xinjuan Cheng, Liangyao Xiao, and Xuechao Zhai	
Reduced-gradient analysis of molecular adsorption on graphene with nonlocal density functionals (<i>11 pages</i>)	035427
T. Jenkins, D. Chakraborty, K. Berland, and T. Thonhauser	
Rotationally displaced electric field intensity distribution around square nanoantennas induced by circularly polarized light (<i>6 pages</i>)	035428
Naoki Ichiji, Takuya Ishida, Ikki Morichika, Tetsu Tatsuma, and Satoshi Ashihara	
Independent design method of multiple surface modes using a domino-ring structure (<i>10 pages</i>)	035429
Go Itami	
Andreev reflection of quantum Hall states through a quantum point contact (<i>6 pages</i>)	035430
Mehdi Hatefipour, Joseph J. Cuzzo, Ido Levy, William M. Strickland, Dylan Langone, Enrico Rossi, and Javad Shabani	
Topological edge and corner states in the biphenylene network (<i>10 pages</i>)	035431
Keiki Koizumi, Huyen Thanh Phan, Kento Nishigomi, and Katsunori Wakabayashi	
Total reflection and large Goos-Hänchen shift in a semi-Dirac system (<i>8 pages</i>)	035432
Hongxiang Xiang and Feng Zhai	
Majorana zero modes in gate-defined germanium hole nanowires (<i>15 pages</i>)	035433
Katharina Laubscher, Jay D. Sau, and Sankar Das Sarma	
Creation and annihilation of reflection shift vortices on the interface between multifold Weyl semimetals (<i>10 pages</i>)	035434
Qiao He, Rui-Qiang Wang, Ming-Xun Deng, and Mou Yang	
Continuum contact model for friction between graphene sheets that accounts for surface anisotropy and curvature (<i>24 pages</i>)	035435
Aningi Mokhalingam, Shakti S. Gupta, and Roger A. Sauer	
Correlated two-leviton states in the fractional quantum Hall regime (<i>13 pages</i>)	035436
Bruno Bertin-Johannet, Alexandre Popoff, Flavio Ronetti, Jérôme Rech, Thibaut Jonckheere, Laurent Raymond, Benoit Grémaud, and Thierry Martin	

Tailoring topological nature of merging bound states in the continuum by manipulating structure symmetry of the all-dielectric metasurface (<i>10 pages</i>)	035406
Guangcheng Sun, Yue Wang, Yaohe Li, Zijian Cui, Wenshuo Chen, and Kuang Zhang	
Quasibound states in the continuum in photonic crystal based optomechanical microcavities (<i>10 pages</i>)	035407
Cindy P��r��lle, Sushanth Kini Manjeshwar, Anastasiia Ciers, Witlef Wiecezorek, and Philippe Tassin	
Tunable valley-spin splitting in a Janus $XMSiN_2$ monolayer ($X = S, Se; M = Mo, Cr$) and giant valley polarization via vanadium doping (<i>11 pages</i>)	035408
Jun Zhao, Yunxi Qi, Can Yao, and Hui Zeng	
Infrared emission spectra of fullerene C_{60} thin films (<i>11 pages</i>)	035409
Tomonari Wakabayashi, Hal Suzuki, Miho Hatanaka, Hiroyuki Wakabayashi, and Takeshi Kodama	
Transient absorption measurements of excitonic dynamics in $3R-MoS_2$ (<i>9 pages</i>)	035410
Gbenga Agunbiade, Neema Rafizadeh, Ryan J. Scott, and Hui Zhao	
High-performance photocatalytic and piezoelectric properties of two-dimensional transition metal oxyhalide $ZrOX_2$ ($X = Br, I$) and their Janus structures (<i>14 pages</i>)	035411
Qiu Yang, Dan Wang, Zhao-Yi Zeng, Hua-Yun Geng, and Xiang-Rong Chen	
Spin waves in bilayers of transition metal dichalcogenides (<i>12 pages</i>)	035412
Wojciech Rudzi��ski, J��zef Barna��s, and Anna Dyrda��	
Topological density correlations in a Fermi gas (<i>14 pages</i>)	035413
Pok Man Tam and Charles L. Kane	
Quasiparticle interference of the topological surface state on gray arsenic (<i>5 pages</i>)	035414
Xingfu Cai, Zhongzheng Yang, Chenhaoping Wen, Yang Yang, Xiangde Zhu, Wei Ning, Shichao Yan, and Jiamin Xue	
Minimal quantum dot based Kitaev chain with only local superconducting proximity effect (<i>10 pages</i>)	035415
William Samuelson, Viktor Svensson, and Martin Leijnse	
Persistent electronic cloaking and Klein tunneling in multiple phosphorene junctions (<i>12 pages</i>)	035416
K. J. Lamas-Mart��nez, J. A. Briones-Torres, S. Molina-Valdovinos, and I. Rodr��guez-Vargas	
Machine learning boosted <i>ab initio</i> study of the thermal conductivity of Janus PtSTe van der Waals heterostructures (<i>9 pages</i>)	035417
Lijun Pan, Jes��s Carrete, Zhao Wang, and Georg K. H. Madsen	
Floquet exceptional topological insulator (<i>18 pages</i>)	035418
Gaurab Kumar Dash, Subhajyoti Bid, and Manisha Thakurathi	
Pressure-induced switching between topological phases in magnetic van der Waals heterostructures (<i>7 pages</i>)	035419
Jie Li, Peiru Yang, Wei Ren, and Ruqian Wu	
Convergent thermal conductivity in strained monolayer graphene (<i>10 pages</i>)	035420
Guotai Li, Jialin Tang, Jiongzhi Zheng, Qi Wang, Zheng Cui, Ke Xu, Jianbin Xu, Te-Huan Liu, Guimei Zhu, Ruiqiang Guo, and Baowen Li	
Origin of metallic ferroelectricity in group-V monolayer black phosphorus (<i>7 pages</i>)	035421
Wen Xu, Ya-Ping Shao, Jiu-Long Wang, Jun-Ding Zheng, Wen-Yi Tong, and Chun-Gang Duan	

(Continued)

Unveiling disparities and promises of Cu and Ag chalcopyrites for thermoelectrics (7 pages)	035205
Han-Pu Liang, Songyuan Geng, Tiantian Jia, Chuan-Nan Li, Xun Xu, Xie Zhang, and Su-Huai Wei	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
$G_0\Delta W$ theory: Quasiparticle properties of two-dimensional semiconductors physisorbed on graphene (17 pages)	035301
Lovro Anto Barišić and Vito Despoja	
Interaction-dominated transport in two-dimensional conductors: From degenerate to partially degenerate regime (11 pages)	035302
G. M. Gusev, A. D. Levin, E. B. Olshanetsky, Z. D. Kvon, V. M. Kovalev, M. V. Entin, and N. N. Mikhailov	
Disorder-induced phase transitions in three-dimensional chiral second-order topological insulator (6 pages)	035303
Yedi Shen, Zeyu Li, Qian Niu, and Zhenhua Qiao	
Creating charged domain walls in $\text{PbTiO}_3/\text{LaCoO}_{2.5}$ superlattices by oxygen vacancy engineering (8 pages)	035304
Zhong Fang, Yu-Jia Wang, Xiang-Wei Guo, Yun-Long Tang, Yin-Lian Zhu, and Xiu-Liang Ma	
Metastable charge distribution between degenerate Landau levels (6 pages)	035305
Wenlu Lin, Xing Fan, Lili Zhao, Yoon Jang Chung, Adbhut Gupta, Kirk W. Baldwin, Loren Pfeiffer, Hong Lu, and Yang Liu	
 Composite-fermion pairing at half-filled and quarter-filled lowest Landau level (22 pages)	035306
Anirban Sharma, Ajit C. Balram, and J. K. Jain	
Two-dimensional trion in a magnetic field revisited (20 pages)	035307
I. A. Aleksandrov, A. Kudlis, and I. A. Shelykh	
Magnetic switching of spin-scattering centers in Dresselhaus [110] circuits (9 pages)	035308
E. J. Rodríguez, A. A. Reynoso, J. P. Baltanás, J. Nitta, and D. Frustaglia	
Spatial exciton localization at interfaces of metal nanoparticles and atomically thin semiconductors (16 pages)	035309
Robert Salzwedel, Lara Greten, Stefan Schmidt, Stephen Hughes, Andreas Knorr, and Malte Selig	
Surface physics, nanoscale physics, low-dimensional systems	
Nonlinear optical switching in hybrid plasmonic waveguides (9 pages)	035401
Ivan A. Pshenichnyuk, Fahmy Yousry, Daniil S. Zemtsov, Sergey S. Kosolobov, and Vladimir P. Drachev	
Self-duality properties, localization centers, and magnetic energy of the electronic wave functions at small magic angles in twisted bilayer graphene (15 pages)	035402
Leonardo A. Navarro-Labastida and Gerardo G. Naumis	
One-dimensional topological channels in heterostrained bilayer graphene (10 pages)	035403
Nina C. Georgoulea, Nuala M. Caffrey, and Stephen R. Power	
Nonlocal Andreev transport through a quantum dot in a magnetic field: Interplay between Kondo, Zeeman, and Cooper-pair correlations (18 pages)	035404
Masashi Hashimoto, Yasuhiro Yamada, Yoichi Tanaka, Yoshimichi Teratani, Takuro Kemi, Norio Kawakami, and Akira Oguri	
Nanocrystalline surface energy studied within the Gibbs thermodynamic framework (10 pages)	035405
Mahach N. Magomedov	

(Continued)

Metal-insulator transitions in strained single quantum wells of $\text{Sr}_{1-x}\text{La}_x\text{VO}_3$ (8 pages)	035158
K. S. Takahashi, J. Iguchi, Y. Tokura, and M. Kawasaki	
Displacement field tunable superconductivity in an inversion-symmetric twisted van der Waals heterostructure (18 pages)	035159
Harley D. Scammell and Mathias S. Scheurer	
 Spin-orbit interaction enabled electronic Raman scattering from charge collective modes (20 pages)	035160
Surajit Sarkar, Alexander Lee, Girsh Blumberg, and Saurabh Maiti	
Surface magnon spectra of nodal loop semimetals (11 pages)	035161
Assem Alassaf, János Koltai, and László Oroszlány	
Jordan-Wigner composite fermion liquids in a two-dimensional quantum spin ice (35 pages)	035162
Leonardo Goller and Inti Sodemann Villadiego	
Holographic models of non-Fermi liquid metals revisited: An effective field theory approach (15 pages)	035163
Dominic V. Else	
Family-Vicsek dynamical scaling and Kardar-Parisi-Zhang-like superdiffusive growth of surface roughness in a driven one-dimensional quasiperiodic model (17 pages)	035164
Sreemayee Aditya and Nilanjan Roy	
Strain-induced high Chern number topological insulator state in Fe- or V-decorated MoS_2 monolayers (9 pages)	035165
Siyavash Moradi and Ali Sadeghi	
Excellent high-pressure-sustainable thermoelectric performance driven by metal-insulator topological phase transition in semimetal CaCdGe (8 pages)	035166
Liangyu Li, Zhenyu Ding, Rongman Gao, Miao Li, Shuo-Wang Yang, Gang Wu, and Xiaoping Yang	
Gap collapse and flat band induced by uniaxial strain in $1T\text{-TaS}_2$ (11 pages)	035167
C. W. Nicholson, F. Petocchi, B. Salzmänn, C. Witteveen, M. Rumo, G. Kremer, O. Ivashko, F. O. von Rohr, P. Werner, and C. Monney	
Characterization and classification of interacting (2+1)-dimensional topological crystalline insulators with orientation-preserving wallpaper groups (36 pages)	035168
Naren Manjunath, Vladimir Calvera, and Maissam Barkeshli	
Semiconductors I: bulk	
 Spatial dispersion in silicon (10 pages)	035201
Subiao Bian, Razvigor Ossikovski, Adolf Canillas, Gerald Jellison, and Oriol Arteaga	
Polarization and third-order Hall effect in III-V semiconductor heterojunctions (11 pages)	035202
Ojasvi Pal and Tarun Kanti Ghosh	
Nonclassical states of light after high-harmonic generation in semiconductors: A Bloch-based perspective (18 pages)	035203
J. Rivera-Dean, P. Stammer, A. S. Maxwell, Th. Lamprou, A. F. Ordóñez, E. Pisanty, P. Tzallas, M. Lewenstein, and M. F. Ciappina	
Origin of different piezoelectric responses in elemental Sb and Bi monolayers (8 pages)	035204
Yunfei Hong, Junkai Deng, Qi Kong, Yuefeng Yin, Xiangdong Ding, Jun Sun, and Jefferson Zhe Liu	

(Continued)

Tight-binding model with sublattice-asymmetric spin-orbit coupling for square-net nodal line Dirac semimetals (13 pages)	035141
Gustavo S. Orozco-Galvan, Amador García-Fuente, and Salvador Barraza-Lopez	
Anomalous circularly polarized light emission induced by the optical Berry curvature dipole (6 pages)	035142
Yizhou Liu and Binghai Yan	
Anomalous Hall effect in the magnetic Weyl semimetal NdAlGe with plateaus observed at low temperatures (7 pages)	035143
Naoki Kikugawa, Shinya Uji, and Taichi Terashima	
High-throughput computational design of $\text{Mo}_3\text{Al}_2\text{C}$ -like noncentrosymmetric superconductors with multifold degenerate fermions (10 pages)	035144
Jiexi Song, Yanqing Qin, Diwei Shi, Xinyu Chen, Wenqiang Li, Yaocen Wang, and Chongde Cao	
Irreducible momentum-space spin structure of Weyl semimetals and its signatures in Friedel oscillations (18 pages)	035145
Andy Knoll and Carsten Timm	
Conformal field theories generated by Chern insulators under decoherence or measurement (8 pages)	035146
Kaixiang Su, Nayan Myerson-Jain, and Cenke Xu	
Multiplicative topological semimetals (17 pages)	035147
Adipta Pal, Joe H. Winter, and Ashley M. Cook	
Higher-order double-Weyl semimetal (7 pages)	035148
Baoru Pan, Yuzhong Hu, Pan Zhou, Huaping Xiao, Xuejuan Yang, and Lizhong Sun	
Chern numbers for the two-body Hofstadter-Hubbard butterfly (7 pages)	035149
D. C. Alyuruk and M. Iskin	
Origin of the large recoverable electrostrain in relaxor ferroelectrics (10 pages)	035150
Xiaoqin Ke, Zhengkai Hong, Yin Zhang, Sen Yang, and Yunzhi Wang	
Fermi surface nesting and topological and magnetoresistance properties of ThX_2 ($X = \text{As}, \text{Sb}, \text{Bi}$) (8 pages)	035151
Sushree Sarita Sahoo, Ty M. Mason, Stephen B. Dugdale, and V. Kanchana	
Excitations in the higher-lattice gauge theory model for topological phases. III. The (3+1)-dimensional case (47 pages)	035152
Joe Huxford and Steven H. Simon	
Multi-Dirac and Weyl physics in heavy-fermion systems (13 pages)	035153
Joelson F. Silva and E. Miranda	
Insulator-metal transition in $\text{Ru}(\text{Br}_{1-x}\text{I}_x)_3$ with honeycomb structure (5 pages)	035154
Fuki Sato, Hideyuki Fujihara, Hirotada Gotou, Takuya Aoyama, Yoshinori Imai, and Kenya Ohgushi	
Dynamical mean-field theory for Rényi entanglement entropy and mutual information in the Hubbard model (23 pages)	035156
Surajit Bera, Arijit Haldar, and Sumilan Banerjee	
Impact of measurement backaction on nuclear spin qubits in silicon (7 pages)	035157
S. Monir, E. N. Osika, S. K. Gorman, I. Thorvaldson, Y.-L. Hsueh, P. Macha, L. Kranz, J. Reiner, M. Y. Simmons, and R. Rahman	

(Continued)

Phase transitions in the Haldane-Hubbard model (12 pages)	035126
Wan-Xiu He, Rubem Mondaini, Hong-Gang Luo, Xiaoqun Wang, and Shijie Hu	
Probing quantum spin liquids with a quantum twisting microscope (17 pages)	035127
Valerio Peri, Shahal Ilani, Patrick A. Lee, and Gil Refael	
From Heisenberg to Hubbard: An initial state for the shallow quantum simulation of correlated electrons (8 pages)	035128
Bruno Murta and J. Fernández-Rossier	
Extended Kohler's rule of magnetoresistance in TaCo ₂ Te ₂ (7 pages)	035129
Samuel Pate, Bowen Chen, Bing Shen, Kezhen Li, Xiuquan Zhou, Duck Young Chung, Ralu Divan, Mercuri G. Kanatzidis, Ulrich Welp, Wai-Kwong Kwok, and Zhi-Li Xiao	
Complex dynamics approach to dynamical quantum phase transitions: The Potts model (15 pages)	035130
Somendra M. Bhattacharjee	
Non-Hermitian skin effect enforced by nonsymmorphic symmetries (15 pages)	035131
Yutaro Tanaka, Ryo Takahashi, and Ryo Okugawa	
Pressure-dependent electronic structure of the A-site ordered perovskite CaCu ₃ Ti ₄ O ₁₂ via x-ray Raman scattering (8 pages)	035132
Yasuhisa Tezuka, Hojun Im, Takao Watanabe, Hirofumi Ishii, Nozomu Hiraoka, Yoichi Ishiwata, and Hitoshi Yamaoka	
Electronic structure and lattice dynamics of 1T-VSe ₂ : Origin of the three-dimensional charge density wave (19 pages)	035133
Josu Diego, D. Subires, A. H. Said, D. A. Chaney, A. Korshunov, G. Garbarino, F. Diekmann, S. K. Mahatha, V. Pardo, J. M. Wilkinson, J. S. Lord, J. Strempler, Pablo J. Bereciartua Perez, S. Francoual, C. Popescu, M. Tallarida, J. Dai, Raffaello Bianco, Lorenzo Monacelli, Matteo Calandra, A. Bosak, Francesco Mauri, K. Rossnagel, Adolfo O. Fumega, Ion Errea, and S. Blanco-Canosa	
Quantum geometry and Landau levels of quadratic band crossings (13 pages)	035134
Junseo Jung, Hyeonmuk Lim, and Bohm-Jung Yang	
Nonlinear Lifshitz photon theory in condensed matter systems (9 pages)	035135
Yi-Hsien Du, Cenke Xu, and Dam Thanh Son	
Disentangling electron-boson interactions on the surface of a familiar ferromagnet (9 pages)	035137
Håkon I. Røst, Federico Mazzola, Johannes Bakkellund, Anna Cecilie Åsland, Jinbang Hu, Simon P. Cooil, Craig M. Polley, and Justin W. Wells	
Edge states of two-dimensional time-reversal invariant topological superconductors with strong interactions and disorder: A view from the lattice (30 pages)	035138
Jun Ho Son, Jason Alicea, and Olexei I. Motrunich	
Compton scattering study of strong orbital delocalization in a LiNiO ₂ cathode (5 pages)	035139
Veenavee Nipunika Kothalawala, Kosuke Suzuki, Johannes Nokelainen, Arttu Hyvönen, Ilja Makkonen, Bernardo Barbiellini, Hasnain Hafiz, Pekka Tynjälä, Petteri Laine, Juho Välikangas, Tao Hu, Ulla Lassi, Kodai Takano, Naruki Tsuji, Yosuke Amada, Assa Aravindh Sasikala Devi, Matti Alatalo, Yoshiharu Sakurai, Hiroshi Sakurai, and Arun Bansil	
Graph theorem for chiral exact flat bands at charge neutrality (7 pages)	035140
Gurjyot Sethi, Bowen Xia, Dongwook Kim, Hang Liu, Xiaoyin Li, and Feng Liu	

(Continued)

Conductive surface states and Kondo exhaustion in insulating YbIr_3Si_7 (11 pages)	035112
Macy Stavinoha, C.-L. Huang, W. Adam Phelan, Alannah M. Hallas, V. Loganathan, M. Michiardi, J. Falke, Sergey Zhdanovich, D. Takegami, C.-E. Liu, K. D. Tsuei, C. T. Chen, Long Qian, Nicholas J. Ng, Jeffrey W. Lynn, Qingzhen Huang, Franziska Weickert, Vivien Zapf, Katharine R. Larsen, Patricia D. Sparks, James C. Eckert, Anand B. Puthirath, Hsiang-Hsi Kung, Tor M. Pedersen, Sergey Gorovikov, A. Damascelli, L. H. Tjeng, C. Hooley, Andriy H. Nevidomskyy, and E. Morosan	
Correlated phases in spin-orbit-coupled rhombohedral trilayer graphene (19 pages)	035113
Jin Ming Koh, Jason Alicea, and Étienne Lantagne-Hurtubise	
Fate of high winding number topological phases in the disordered extended Su-Schrieffer-Heeger model (17 pages)	035114
Emmanuele G. Cinnirella, Andrea Nava, Gabriele Campagnano, and Domenico Giuliano	
Robust and reentrant superconductivity in magic-angle twisted trilayer graphene (8 pages)	035115
Jie Cao, Fenghua Qi, Yuanyuan Xiang, and Guojun Jin	
Experimental nuclear quadrupole resonance and computational study of the structurally refined topological semimetal TaSb_2 (13 pages)	035116
T. Fujii, O. Janson, H. Yasuoka, H. Rosner, Yu. Prots, U. Burkhardt, M. Schmidt, and M. Baenitz	
Metallic transport of hard-core bosons (9 pages)	035117
Sauri Bhattacharyya, Ayush De, Snir Gazit, and Assa Auerbach	
Sine-Gordon model from coupled condensates: A generalized hydrodynamics viewpoint (19 pages)	035118
Alvise Bastianello	
Universal scalefree non-Hermitian skin effect near the Bloch point (8 pages)	035119
Wei Li (李维), Zhoujian Sun, Ze Yang, and Fuxiang Li	
Electronic structure and magnetic and transport properties of antiferromagnetic Weyl semimetal GdAlSi (9 pages)	035120
Antu Laha, Asish K. Kundu, Niraj Aryal, Emil S. Bozin, Juntao Yao, Sarah Paone, Anil Rajapitamahuni, Elio Vescovo, Tonica Valla, Milinda Abeykoon, Ran Jing, Weiguo Yin, Abhay N. Pasupathy, Mengkun Liu, and Qiang Li	
Investigation of de Haas–van Alphen and Shubnikov–de Haas quantum oscillations in PrTe_3 (8 pages)	035121
Xiong Luo, Xiaoxuan Ma, Junchao Zhang, Yu Xing, Aoli Shen, Haoran Ye, Shengchun Shen, Jin Peng, Shixun Cao, Shuai Dong, and Linglong Li	
Discovering two-dimensional magnetic topological insulators by machine learning (8 pages)	035122
Haosheng Xu, Yadong Jiang, Huan Wang, and Jing Wang	
Proof of absence of local conserved quantities in the mixed-field Ising chain (15 pages)	035123
Yuuya Chiba	
Quantum oscillations revealing topological band in kagome metal ScV_6Sn_6 (9 pages)	035124
Changjiang Yi, Xiaolong Feng, Ning Mao, Premakumar Yanda, Subhajit Roychowdhury, Yang Zhang, Claudia Felser, and Chandra Shekhar	
Strain-induced electronic and magnetic transition in the $S = \frac{3}{2}$ antiferromagnetic spin chain compound LaCrS_3 (9 pages)	035125
Kuldeep Kargeti, Aadit Sen, and S. K. Panda	

(Continued)

ARTICLES

Electronic structure and strongly correlated systems

- Nonreciprocity through gain saturation in coupled nanocavities (6 pages) 035101
Jianming Mai and Kok Wai Cheah
- Crucial role of d - d Coulomb correlations in the magnetocaloric ferrimagnets $\text{Gd}_6(\text{Mn}_{1-x}\text{M}_x)_{23}$
($M = \text{Fe}, \text{Co}$) (12 pages) 035102
T. Ly Nguyen, Chueh-Cheng Yang, Chia-Hsin Wang, Yaw-Wen Yang, Th. Mazet, E. Gaudry, D. Malterre,
M. Yoshimura, Y. F. Liao, H. Ishii, N. Hiraoka, H. J. Lin, Y. C. Tseng, and A. Chainani
- Subquadratic-scaling real-space random phase approximation correlation energy calculations for periodic
systems with numerical atomic orbitals (15 pages) 035103
Rong Shi, Peize Lin, Min-Ye Zhang, Lixin He, and Xinguo Ren
- Floquet engineering of the Lifshitz phase transition in the Hubbard model (6 pages) 035104
I. V. Iorsh, D. D. Sedov, S. A. Kolodny, R. E. Sinitskiy, and O. V. Kibis
- First-principles study of the magnetic and electronic properties of K-coated FeSe films (8 pages) 035105
Xiao-Xiao Man, Jian-Feng Zhang, Pei-Han Sun, Huan-Cheng Yang, Zhong-Yi Lu, and Kai Liu
- Insulator-to-metal Mott transition facilitated by lattice deformation in monolayer α - RuCl_3
on graphite (8 pages) 035106
Xiaohu Zheng, Ogasawara Takuma, Huaxue Zhou, Chongli Yang, Xin Han, Gang Wang, Junhai Ren,
Youguo Shi, Katsumi Tanigaki, and Rui-Rui Du
- Exploring high-temperature superconductivity in the extended Hubbard model with antiferromagnetic
tendencies (8 pages) 035107
Zhipeng Sun and Hai-Qing Lin
- Nuclear spin-lattice relaxation rate in disordered paramagnetic diluted magnetic semiconductors (10 pages) 035108
Huu-Nha Nguyen, Minh-Tien Tran, and Van-Nham Phan
- Band-center metal-insulator transition in bond-disordered graphene (9 pages) 035109
Naba P. Nayak, Surajit Sarkar, Kedar Damle, and Soumya Bera
- Finite-temperature properties of the easy-axis Heisenberg model on frustrated lattices (10 pages) 035110
M. Ulaga, J. Kokalj, A. Wietek, A. Zorko, and P. Prelovšek
- Effects of the spin-orbit interaction on the optical properties of ReS_2 and ReSe_2 (8 pages) 035111
Thorsten Deilmann



(Continued)



2469-9950(20240115)109:3;1-A