

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 91, NUMBER 8

FEBRUARY 2015-15(II)

Multifractality and electron-electron interaction at Anderson transitions (<i>18 pages</i>)	085427
I. S. Burmistrov, I. V. Gornyi, and A. D. Mirlin	
Self-consistent model of edge doping in graphene (<i>6 pages</i>)	085428
Thomas Garm Pedersen	
 Topology versus Anderson localization: Nonperturbative solutions in one dimension (<i>33 pages</i>)	085429
Alexander Altland, Dmitry Bagrets, and Alex Kamenev	
Hexagonal AlN: Dimensional-crossover-driven band-gap transition (<i>7 pages</i>)	085430
C. Bacaksiz, H. Sahin, H. D. Ozaydin, S. Horzum, R. T. Senger, and F. M. Peeters	
Enhancing thermoelectric properties of graphene quantum rings (<i>5 pages</i>)	085431
M. Saiz-Bretín, A. V. Malyshev, P. A. Orellana, and F. Domínguez-Adame	
Control of vibrational states by spin-polarized transport in a carbon nanotube resonator (<i>14 pages</i>)	085432
P. Stadler, W. Belzig, and G. Rastelli	
Directional excitation of surface plasmons by dielectric resonators (<i>8 pages</i>)	085433
Chengjun Zou, Withawat Withayachumnankul, Ilya V. Shadrivov, Yuri S. Kivshar, and Christophe Fumeaux	

CONTENTS - Continued

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 91, NUMBER 8

FEBRUARY 2015-15(II)

Transport study of graphene adsorbed with indium adatoms (<i>8 pages</i>)	085411
Zhenzhao Jia, Baoming Yan, Jingjing Niu, Qi Han, Rui Zhu, Dapeng Yu, and Xiaosong Wu	
Temperature dependence of quantum dot fluorescence assisted by plasmonic nanoantennas (<i>5 pages</i>)	085412
Q. Le-Van, X. Le Roux, T. V. Teperik, B. Habert, F. Marquier, J.-J. Greffet, and A. Degiron	
Instability-induced formation and nonequilibrium dynamics of phase defects in polariton condensates (<i>12 pages</i>)	085413
T. C. H. Liew, O. A. Egorov, M. Matuszewski, O. Kyriienko, X. Ma, and E. A. Ostrovskaya	
Interplay between bulk atomic clusters and surface structure in complex intermetallic compounds: The case study of the $\text{Al}_5\text{Co}_2(001)$ surface (<i>16 pages</i>)	085414
M. Meier, J. Ledieu, M.-C. De Weerd, Ying-Tzu Huang, G. J. P. Abreu, K. Pussi, R. D. Diehl, T. Mazet, V. Fournée, and É. Gaudry	
Quantized crossed-Andreev reflection in spin-valley topological insulators (<i>7 pages</i>)	085415
J. Wang, L. Hao, and K. S. Chan	
Photon-correlation Fourier spectroscopy of the trion fluorescence in thick-shell CdSe/CdS nanocrystals (<i>6 pages</i>)	085416
L. Biadala, H. Frederich, L. Coolen, S. Buil, X. Quélin, C. Javaux, M. Nasilowski, B. Dubertret, and J.-P. Hermier	
Using light and heat to controllably switch and reset disorder configuration in nanoscale devices (<i>7 pages</i>)	085417
A. M. See, A. R. Hamilton, A. P. Micolich, M. Aagesen, and P. E. Lindelof	
Effects of a tilted magnetic field in a Dirac double layer (<i>9 pages</i>)	085418
Sergey S. Pershoguba, D. S. L. Abergel, Victor M. Yakovenko, and A. V. Balatsky	
Fault-tolerant quantum computation for singlet-triplet qubits with leakage errors (<i>7 pages</i>)	085419
Sebastian Mehl, Hendrik Bluhm, and David P. DiVincenzo	
Interband coherence induced correction to adiabatic pumping in periodically driven systems (<i>9 pages</i>)	085420
Hailong Wang, Longwen Zhou, and Jiangbin Gong	
Electroluminescence and multiphoton effects in a resonator driven by a tunnel junction (<i>8 pages</i>)	085421
Jinshuang Jin, Michael Marthaler, and Gerd Schön	
Concerted single-nanowire absorption and emission spectroscopy: Explaining the origin of the size-dependent Stokes shift in single cadmium selenide nanowires (<i>16 pages</i>)	085422
F. Vietmeyer, R. Chatterjee, M. P. McDonald, and M. Kuno	
Arsenene: Two-dimensional buckled and puckered honeycomb arsenic systems (<i>10 pages</i>)	085423
C. Kamal and Motohiko Ezawa	
Insights into Kelvin probe force microscopy data of insulator-supported molecules (<i>11 pages</i>)	085424
Julia L. Neff and Philipp Rahe	
Constructing local integrals of motion in the many-body localized phase (<i>7 pages</i>)	085425
Anushya Chandran, Isaac H. Kim, Guifre Vidal, and Dmitry A. Abanin	
Integer and fractional quantum anomalous Hall effect in a strip of stripes model (<i>7 pages</i>)	085426
Jelena Klinovaja, Yaroslav Tserkovnyak, and Daniel Loss	

(Continued)

Giant mesoscopic fluctuations of the elastic cotunneling thermopower of a single-electron transistor (<i>10 pages</i>)	085310
A. S. Vasenko, D. M. Basko, and F. W. J. Hekking	
Role of boron diffusion in CoFeB/MgO magnetic tunnel junctions (<i>6 pages</i>)	085311
Sumanta Mukherjee, Ronny Knut, S. M. Mohseni, T. N. Anh Nguyen, S. Chung, Q. Tuan Le, Johan Åkerman, Johan Persson, Anindita Sahoo, Abhijit Hazarika, Banabir Pal, Sebastian Thiess, Mihaela Gorgoi, P. S. Anil Kumar, Wolfgang Drube, Olof Karis, and D. D. Sarma	
Two-electron <i>n-p</i> double quantum dots in carbon nanotubes (<i>13 pages</i>)	085312
E. N. Osika and B. Szafran	
Effective <i>g</i> -factor tensor for carriers in IV-VI semiconductor quantum wells (<i>6 pages</i>)	085313
E. Ridolfi, E. A. de Andrada e Silva, and G. C. La Rocca	
Surface physics, nanoscale physics, low-dimensional systems	
Rayleigh-Bénard instability in graphene (<i>9 pages</i>)	085401
O. Furtmaier, M. Mendoza, I. Karlin, S. Succi, and H. J. Herrmann	
Atomic structure of Bi ₂ Se ₃ and Bi ₂ Te ₃ (111) surfaces probed by photoelectron diffraction and holography (<i>7 pages</i>)	085402
Mikhail V. Kuznetsov, Lada V. Yashina, Jaime Sánchez-Barriga, Ilya I. Ogorodnikov, Andrey S. Vorokh, Andrey A. Volykhov, Roland J. Koch, Vera S. Neudachina, Marina E. Tamm, Anna P. Sirotnina, Andrei Yu. Varykhalov, Gunther Springholz, Günther Bauer, John D. Riley, and Oliver Rader	
Atomistic theory of dark excitons in self-assembled quantum dots of reduced symmetry (<i>6 pages</i>)	085403
M. Zieliński, Y. Don, and D. Gershoni	
All-optical injection of charge, spin, and valley currents in monolayer transition-metal dichalcogenides (<i>9 pages</i>)	085404
Rodrigo A. Muniz and J. E. Sipe	
Resonant tunneling and localized states in a graphene monolayer with a mass gap (<i>11 pages</i>)	085405
V. Zalipae, C. M. Linton, M. D. Croitoru, and A. Vagov	
Microwave readout of Majorana qubits (<i>6 pages</i>)	085406
C. Ohm and F. Hassler	
Phosphorene oxides: Bandgap engineering of phosphorene by oxidation (<i>10 pages</i>)	085407
A. Ziletti, A. Carvalho, P. E. Trevisanutto, D. K. Campbell, D. F. Coker, and A. H. Castro Neto	
Electronic properties and photoelectron circular dichroism of adsorbed chiral molecules (<i>6 pages</i>)	085408
L. Ferrari, P. Moras, P. Gori, S. Turchini, N. Zema, A. Palma, J. Fujii, I. Vobornik, G. Alejandro, D. Catone, T. Prosperi, and C. Carbone	
Scaling laws of band gaps of phosphorene nanoribbons: A tight-binding calculation (<i>8 pages</i>)	085409
Esmaeil Taghizadeh Sisakht, Mohammad H. Zare, and Farhad Fazileh	
Structural and thermoelectric properties of FeSb ₃ skutterudite thin films (<i>10 pages</i>)	085410
M. V. Daniel, L. Hammerschmidt, C. Schmidt, F. Timmermann, J. Franke, N. Jöhrmann, M. Hietschold, D. C. Johnson, B. Paulus, and M. Albrecht	

(Continued)

Superdiffusive heat conduction in semiconductor alloys. II. Truncated Lévy formalism for experimental analysis (7 pages)	085203
Bjorn Vermeersch, Amr M. S. Mohammed, Gilles Pernot, Yee Rui Koh, and Ali Shakouri	
Coexistence of trapped and free excess electrons in SrTiO ₃ (6 pages)	085204
Xianfeng Hao, Zhiming Wang, Michael Schmid, Ulrike Diebold, and Cesare Franchini	
Optical measurement of doping efficiency in poly(3-hexylthiophene) solutions and thin films (7 pages)	085205
Chenchen Wang, Duc T. Duong, Koen Vandewal, Jonathan Rivnay, and Alberto Salleo	
Phonon heat conduction in layered anisotropic crystals (8 pages)	085206
A. J. Minnich	
Understanding the role and interplay of heavy-hole and light-hole valence bands in the thermoelectric properties of PbSe (11 pages)	085207
Thomas C. Chasapis, Yeseul Lee, Euripides Hatzikraniotis, Konstantinos M. Paraskevopoulos, Hang Chi, Ctirad Uher, and Mercouri G. Kanatzidis	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Toward reversing Joule heating with a phonon-absorbing heterobarrier (9 pages)	085301
Seungha Shin and Massoud Kaviani	
Adiabatic preparation of a cold exciton condensate (8 pages)	085302
V. Shahnazaryan, O. Kyriienko, and I. A. Shelykh	
Excitonic complexes in natural InAs/GaAs quantum dots (6 pages)	085303
M. Zieliński, K. Gołasa, M. R. Molas, M. Goryca, T. Kazimierczuk, T. Smoleński, A. Golnik, P. Kossacki, A. A. L. Nicolet, M. Potemski, Z. R. Wasilewski, and A. Babiński	
Microwave magnetoplasma resonances of two-dimensional electrons in MgZnO/ZnO heterojunctions (6 pages)	085304
V. E. Kozlov, A. B. Van'kov, S. I. Gubarev, I. V. Kukushkin, V. V. Solovyev, J. Falson, D. Maryenko, Y. Kozuka, A. Tsukazaki, M. Kawasaki, and J. H. Smet	
Carrier relaxation in colloidal nanocrystals: Bridging large electronic energy gaps by low-energy vibrations (8 pages)	085305
Peng Han and Gabriel Bester	
⌘ Ultrafast carrier relaxation through Auger recombination in the topological insulator Bi _{1.5} Sb _{0.5} Te _{1.7} Se _{1.3} (12 pages)	085306
Yoshito Onishi, Zhi Ren, Kouji Segawa, Wawrzyniec Kaszub, Maciej Lorenc, Yoichi Ando, and Koichiro Tanaka	
Lattice-mismatched heteroepitaxy of IV-VI thin films on PbTe(001): An <i>ab initio</i> study (8 pages)	085307
Chang-Eun Kim, Young-Joo Tak, Keith T. Butler, Aron Walsh, and Aloysius Soon	
Saturation and bistability of defect-mode intersubband polaritons (6 pages)	085308
Simone Zanotto, Federica Bianco, Lucia Sorba, Giorgio Biasiol, and Alessandro Tredicucci	
⌘ Spin-dependent photophysics in polymers lightly doped with fullerene derivatives: Photoluminescence and electrically detected magnetic resonance (11 pages)	085309
B. Zerai Tedlla, F. Zhu, M. Cox, B. Koopmans, and E. Goovaerts	

(Continued)

Quasiparticle properties of the superconducting state of the two-dimensional Hubbard model (<i>15 pages</i>)	085116
E. Gull and A. J. Millis	
$S = \frac{1}{2}$ ferromagnetic-antiferromagnetic alternating Heisenberg chain in a zinc-verdazyl complex (<i>6 pages</i>)	085117
Hironori Yamaguchi, Yasuhiro Shinpuku, Tokuro Shimokawa, Kenji Iwase, Toshio Ono, Yohei Kono, Shunichiro Kittaka, Toshiro Sakakibara, and Yuko Hosokoshi	
High-temperature terahertz absorption band in rare-earth gallium garnet (<i>7 pages</i>)	085118
Masaki Adachi, Hiroaki Matsui, Munetoshi Seki, Hiroyasu Yamahara, and Hitoshi Tabata	
Free-fermion entanglement spectrum through Wannier interpolation (<i>13 pages</i>)	085119
Ching Hua Lee and Peng Ye	
Orbital magnetism in coupled-bands models (<i>15 pages</i>)	085120
Arnaud Raoux, Frédéric Piéchon, Jean-Noël Fuchs, and Gilles Montambaux	
Landauer current and mutual information (<i>7 pages</i>)	085121
Auditya Sharma and Eran Rabani	
Chemical pressure tuning of URu ₂ Si ₂ via isoelectronic substitution of Ru with Fe (<i>6 pages</i>)	085122
Pinaki Das, N. Kanchanavatee, J. S. Helton, K. Huang, R. E. Baumbach, E. D. Bauer, B. D. White, V. W. Burnett, M. B. Maple, J. W. Lynn, and M. Janoschek	
Quantum quench for inhomogeneous states in the nonlocal Luttinger model (<i>6 pages</i>)	085123
Vieri Mastropietro and Zhituo Wang	
La ₂ O ₃ Fe ₂ Se ₂ : A Mott insulator on the brink of orbital-selective metallization (<i>6 pages</i>)	085124
Gianluca Giovannetti, Luca de' Medici, Markus Aichhorn, and Massimo Capone	
Topological Hofstadter insulators in a two-dimensional quasicrystal (<i>9 pages</i>)	085125
Duc-Thanh Tran, Alexandre Dauphin, Nathan Goldman, and Pierre Gaspard	
Quantum phases of a one-dimensional dipolar Fermi gas (<i>9 pages</i>)	085126
Hamid Mosadeq and Reza Asgari	
Nonequilibrium spatiotemporal formation of the Kondo screening cloud on a lattice (<i>18 pages</i>)	085127
Martin Nuss, Martin Ganahl, Enrico Arrigoni, Wolfgang von der Linden, and Hans Gerd Evertz	
Magnetic and electronic properties of CaMn ₂ Bi ₂ : A possible hybridization gap semiconductor (<i>8 pages</i>)	085128
Q. D. Gibson, H. Wu, T. Liang, M. N. Ali, N. P. Ong, Q. Huang, and R. J. Cava	
Structural, electronic and hyperfine characterization of pure and Ta-doped ZrSiO ₄ (<i>12 pages</i>)	085129
R. E. Alonso, L. Errico, M. Taylor, A. Svane, and N. E. Christensen	

Semiconductors I: bulk

Temperature-dependent lattice dynamics and electronic transitions in 0.93Pb(Zn _{1/3} Nb _{2/3})O ₃ -0.07PbTiO ₃ single crystals: Experiment and theory (<i>8 pages</i>)	085201
Jinzhong Zhang (张金中), Wen-Yi Tong (童文旂), Jiajun Zhu (诸佳俊), Jiayue Xu (徐家跃), Zhihua Duan (段志华), Liping Xu (徐丽萍), Zhigao Hu (胡志高), Chun-Gang Duan (段纯刚), Xiangjian Meng (孟祥建), Ziqiang Zhu (朱自强), and Junhao Chu (褚君浩)	
Superdiffusive heat conduction in semiconductor alloys. I. Theoretical foundations (<i>9 pages</i>)	085202
Bjorn Vermeersch, Jesús Carrete, Natalio Mingo, and Ali Shakouri	

(Continued)

ARTICLES

Electronic structure and strongly correlated systems

Kondo versus indirect exchange: Role of lattice and actual range of RKKY interactions in real materials (<i>7 pages</i>)	085101
Andrew Allerd, C. A. Büsler, G. B. Martins, and A. E. Feiguin	
Single-electron shell occupation and effective g factor in few-electron nanowire quantum dots (<i>7 pages</i>)	085102
M. P. Nowak and B. Szafran	
Algebraic approach to the study of zero modes of Haldane pseudopotentials (<i>9 pages</i>)	085103
Li Chen and Alexander Seidel	
Dynamic polarizability tensor for circular cylinders (<i>10 pages</i>)	085104
Diana Strickland, Arturo Ayón, and Andrea Alù	
Disruption of quantum oscillations by an incommensurate charge density wave (<i>14 pages</i>)	085105
Yi Zhang, Akash V. Maharaj, and Steven Kivelson	
One-dimensional Dirac electrons on the surface of weak topological insulators (<i>7 pages</i>)	085106
Alexander Lau, Carmine Ortix, and Jeroen van den Brink	
Surface state reconstruction in ion-damaged SmB_6 (<i>5 pages</i>)	085107
N. Wakeham, Y. Q. Wang, Z. Fisk, F. Ronning, and J. D. Thompson	
Superconductivity in the two-band Hubbard model (<i>7 pages</i>)	085108
Akihisa Koga and Philipp Werner	
Resolving unoccupied electronic states with laser ARPES in bismuth-based cuprate superconductors (<i>5 pages</i>) . . .	085109
Tristan L. Miller, Minna Ärrälä, Christopher L. Smallwood, Wentao Zhang, Hasnain Hafiz, Bernardo Barbiellini, Koshi Kurashima, Tadashi Adachi, Yoji Koike, Hiroshi Eisaki, Matti Lindroos, Arun Bansil, Dung-Hai Lee, and Alessandra Lanzara	
Exotic magnetic phases in an Ising-spin Kondo lattice model on a kagome lattice (<i>13 pages</i>)	085110
Hiroaki Ishizuka and Yukitoshi Motome	
Electronic and structural ground state of heavy alkali metals at high pressure (<i>9 pages</i>)	085111
G. Fabbri, J. Lim, L. S. I. Veiga, D. Haskel, and J. S. Schilling	
Survival of sharp $n = 0$ Landau levels in massive tilted Dirac fermions: Role of the generalized chiral operator (<i>12 pages</i>)	085112
Yasuhiro Hatsugai, Tohru Kawarabayashi, and Hideo Aoki	
Multiplicity of transmission coefficients in photonic crystal and split ring resonator waveguides with Kerr nonlinear impurities (<i>14 pages</i>)	085113
Buddhi Rai and Arthur R. McGurn	
Nature of ground states in one-dimensional electron-phonon Hubbard models at half filling (<i>10 pages</i>)	085114
H. Bakrim and C. Bourbonnais	
Zero modes, bosonization, and topological quantum order: The Laughlin state in second quantization (<i>12 pages</i>)	085115
Tahereh Mazaheri, Gerardo Ortiz, Zohar Nussinov, and Alexander Seidel	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW B

THIRD SERIES, VOLUME 91, NUMBER 8

FEBRUARY 2015-15(II)

Universality lost: Relation between quantizations of the Hall conductance and the edge exponents in fractional quantum Hall effect (<i>4 pages</i>)	081113(R)
Jimmy A. Hutasoit	
Ultrafast charge and lattice dynamics in one-dimensional Mott insulator of CuO-chain compound Ca_2CuO_3 investigated by femtosecond absorption spectroscopy (<i>5 pages</i>)	081114(R)
H. Matsuzaki, H. Nishioka, H. Uemura, A. Sawa, S. Sota, T. Tohyama, and H. Okamoto	
Semiconductors I: bulk	
Direct measurement of the bulk spin structure of noncentrosymmetric BiTeCl (<i>6 pages</i>)	081201(R)
Gabriel Landolt, Sergey V. Eremeev, Oleg E. Tereshchenko, Stefan Muff, Konstantin A. Kokh, Jürg Osterwalder, Evgueni V. Chulkov, and J. Hugo Dil	
Semiconductors II: surfaces, interfaces, microstructures, and related topics	
Cation ordering induced polarization enhancement for PbTiO_3 - SrTiO_3 ferroelectric-dielectric superlattices (<i>5 pages</i>)	081301(R)
Junkai Deng, Alex Zunger, and Jefferson Zhe Liu	
Split Dirac cones in HgTe/CdTe quantum wells due to symmetry-enforced level anticrossing at interfaces (<i>5 pages</i>)	081302(R)
S. A. Tarasenko, M. V. Durnev, M. O. Nestoklon, E. L. Ivchenko, Jun-Wei Luo, and Alex Zunger	
Model for the light-induced magnetization in singly charged quantum dots (<i>4 pages</i>)	081303(R)
A. B. Henriques, R. C. Cordeiro, P. M. Koenraad, F. W. M. Otten, and M. Bayer	
Surface physics, nanoscale physics, low-dimensional systems	
Calculation of the graphene C 1s core level binding energy (<i>5 pages</i>)	081401(R)
Toma Susi, Duncan J. Mowbray, Mathias P. Ljungberg, and Paola Ayala	
Electrical plasmon detection in graphene waveguides (<i>6 pages</i>)	081402(R)
Iacopo Torre, Andrea Tomadin, Roman Krahne, Vittorio Pellegrini, and Marco Polini	
Observation of anomalous Hanle spin precession line shapes resulting from interaction with localized states (<i>5 pages</i>)	081403(R)
J. J. van den Berg, W. Strupinski, and B. J. van Wees	
Optical bistability in electrically driven polariton condensates (<i>5 pages</i>)	081404(R)
M. Amthor, T. C. H. Liew, C. Metzger, S. Brodbeck, L. Worschech, M. Kamp, I. A. Shelykh, A. V. Kavokin, C. Schneider, and S. Höfling	
Probing Majorana physics in quantum-dot shot-noise experiments (<i>5 pages</i>)	081405(R)
Dong E. Liu, Meng Cheng, and Roman M. Lutchyn	
Non-Abelian parafermions in time-reversal-invariant interacting helical systems (<i>5 pages</i>)	081406(R)
Christoph P. Orth, Rakesh P. Tiwari, Tobias Meng, and Thomas L. Schmidt	
Electrically tunable quantum spin Hall state in topological crystalline insulator thin films (<i>5 pages</i>)	081407(R)
Junwei Liu and Liang Fu	

(Continued)

RAPID COMMUNICATIONS

Electronic structure and strongly correlated systems

- Electronic origin of the volume collapse in cerium (*5 pages*) 081101(R)
N. Devaux, M. Casula, F. Decremps, and S. Sorella
- Dynamical spin structure factor of one-dimensional interacting fermions (*5 pages*) 081102(R)
Vladimir A. Zyuzin and Dmitrii L. Maslov
- ☞ Many-body localization edge in the random-field Heisenberg chain (*5 pages*) 081103(R)
David J. Luitz, Nicolas Laflorencie, and Fabien Alet
- ☞ Phase diagram of the antiferromagnetic XXZ model on the triangular lattice (*5 pages*) 081104(R)
Daniel Sellmann, Xue-Feng Zhang (张学锋), and Sebastian Eggert
- Hyperfine coupling and spin polarization in the bulk of the topological insulator Bi₂Se₃ (*5 pages*) 081105(R)
S. Mukhopadhyay, S. Krämer, H. Mayaffre, H. F. Legg, M. Orlita, C. Berthier, M. Horvatić, G. Martinez,
M. Potemski, B. A. Piot, A. Materna, G. Strzelecka, and A. Hruban
- Tunable circular dichroism due to the chiral anomaly in Weyl semimetals (*5 pages*) 081106(R)
Pavan Hosur and Xiao-Liang Qi
- ☞ Multiferroicity in orthorhombic RMnO₃ (*R* = Dy, Tb, and Gd) under high pressure (*5 pages*) 081107(R)
Takuya Aoyama, Ayato Iyama, Katsuya Shimizu, and Tsuyoshi Kimura
- Criticalities in the itinerant ferromagnet UGe₂ (*5 pages*) 081108(R)
Marcin M. Wysockiński, Marcin Abram, and Józef Spałek
- Observation of incompressibility at $\nu = 4/11$ and $\nu = 5/13$ (*4 pages*) 081109(R)
N. Samkharadze, I. Arnold, L. N. Pfeiffer, K. W. West, and G. A. Csáthy
- Entanglement entropy scaling laws and eigenstate typicality in free fermion systems (*5 pages*) 081110(R)
Hsin-Hua Lai and Kun Yang
- CaFeAs₂: A staggered intercalation of quantum spin Hall and high-temperature superconductivity (*5 pages*) 081111(R)
Xianxin Wu, Shengshan Qin, Yi Liang, Congcong Le, Heng Fan, and Jiangping Hu
- Anomalous spectral-weight transfers unraveling oxygen screening and electronic correlations in the
insulator-metal transition of VO₂ (*5 pages*) 081112(R)
L. H. Yeo, A. Srivastava, M. A. Majidi, R. Sutarto, F. He, S. M. Poh, C. Diao, X. Yu, M. Motapothula,
S. Saha, S. Ojha, D. Kanjilal, P. E. Trevisanutto, M. B. H. Breese, T. Venkatesan, and A. Rusydi

