

Lower critical field, anisotropy, and two-gap features of LiFeAs (<i>5 pages</i>)	144512
K. Sasmal, B. Lv, Z. Tang, F. Y. Wei, Y. Y. Xue, A. M. Guloy, and C. W. Chu	
Magnetic fluctuations in FeSe _{1-δ} and Cu-doped FeSe _{1-δ} : ⁷⁷ Se NMR experiments (<i>4 pages</i>)	144513
Ben-Li Young, Jack Wu, Tzu-Wen Huang, Kuo-Wei Yeh, and Maw-Kuen Wu	
Equal-spin triplet <i>p</i> -wave pairing in Nb/Ni proximity effect bilayers (<i>6 pages</i>)	144514
W. J. Lu, Y. K. Bang, and K. Char	
Josephson junctions in thin and narrow rectangular superconducting strips (<i>4 pages</i>)	144515
John R. Clem	
Importance of local correlations for the order parameter of high- <i>T_c</i> superconductors (<i>7 pages</i>)	144516
M. Balzer, W. Hanke, and M. Potthoff	
Vortex phase diagram and temperature-dependent second-peak effect in overdoped Bi ₂ Sr ₂ CuO _{6+δ} crystals (<i>8 pages</i>)	144517
A. Piriou, E. Giannini, Y. Fasano, C. Senatore, and Ø. Fischer	
Quantum and classical resonant escapes of a strongly driven Josephson junction (<i>9 pages</i>)	144518
H. F. Yu, X. B. Zhu, Z. H. Peng, W. H. Cao, D. J. Cui, Ye Tian, G. H. Chen, D. N. Zheng, X. N. Jing, Li Lu, S. P. Zhao, and Siyuan Han	
⚡ Theoretical proposal for superconducting spin qubits (<i>12 pages</i>)	144519
C. Padurariu and Yu. V. Nazarov	
Competition between superconductivity and weak localization in metal-mixed ion-implanted polymers (<i>7 pages</i>)	144520
Andrew P. Stephenson, Adam P. Micolich, Ujjual Divakar, Paul Meredith, and Ben J. Powell	
Driven disordered polymorphic solids: Phases and phase transitions, dynamical coexistence and peak effect anomalies (<i>19 pages</i>)	144521
Ankush Sengupta, Surajit Sengupta, and Gautam I. Menon	
⚡ Odd spin-triplet superconductivity in a multilayered superconductor-ferromagnet Josephson junction (<i>13 pages</i>)	144522
A. F. Volkov and K. B. Efetov	

ERRATA

Erratum: Elastic constants and anisotropy in FeNi alloys at high pressures from first-principles calculations [Phys. Rev. B 79 , 214112 (2009)] (<i>1 page</i>)	149901(E)
C. Asker, L. Vitos, and I. A. Abrikosov	
Publisher's Note: Magnetoelastic and structural properties of azurite Cu ₃ (CO ₃) ₂ (OH) ₂ from neutron scattering and muon spin rotation [Phys. Rev. B 81 , 140406(R) (2010)] (<i>1 page</i>)	149902(E)
M. C. R. Gibson, K. C. Rule, A. U. B. Wolter, J.-U. Hoffmann, O. Prokhnenko, D. A. Tennant, S. Gerischer, M. Kraken, F. J. Litterst, S. Süllow, J. Schreuer, H. Luetkens, A. Brühl, B. Wolf, and M. Lang	

Conventional description of unconventional Coulomb-crystal phase transitions in three-dimensional classical $O(N)$ spin ice (8 pages)	144430
Cenke Xu	
Liquids in multiorbital $SU(N)$ magnets made up of ultracold alkaline-earth atoms (8 pages)	144431
Cenke Xu	
Quantum criticality of the kagome antiferromagnet with Dzyaloshinskii-Moriya interactions (8 pages)	144432
Yejin Huh, Lars Fritz, and Subir Sachdev	
Superfluidity and superconductivity	
Incommensurate spin correlations induced by magnetic Fe ions substituted into overdoped $\text{Bi}_{1.75}\text{Pb}_{0.35}\text{Sr}_{1.90}\text{CuO}_{6+z}$ (6 pages)	144501
H. Hiraka, Y. Hayashi, S. Wakimoto, M. Takeda, K. Kakurai, T. Adachi, Y. Koike, I. Yamada, M. Miyazaki, M. Hiraishi, S. Takeshita, A. Kohda, R. Kadono, J. M. Tranquada, and K. Yamada	
Pressure dependence of phonon modes across the tetragonal to collapsed-tetragonal phase transition in CaFe_2As_2 (6 pages)	144502
R. Mittal, R. Heid, A. Bosak, T. R. Forrest, S. L. Chaplot, D. Lamago, D. Reznik, K.-P. Bohnen, Y. Su, N. Kumar, S. K. Dhar, A. Thamizhavel, Ch. Rüegg, M. Krisch, D. F. McMorro, Th. Brueckel, and L. Pintschovius	
Multilevel spectroscopy of two-level systems coupled to a dc SQUID phase qubit (10 pages)	144503
T. A. Palomaki, S. K. Dutta, R. M. Lewis, A. J. Przybysz, Hanhee Paik, B. K. Cooper, H. Kwon, J. R. Anderson, C. J. Lobb, F. C. Wellstood, and E. Tiesinga	
Local electronic structure of the superconducting interface $\text{LaAlO}_3/\text{SrTiO}_3$ (6 pages)	144504
Bin Liu and Xiao Hu	
Quantum interference induced by multiple Landau-Zener transitions in a strongly driven rf-SQUID qubit (6 pages)	144505
Yiwen Wang, Shanhua Cong, Xueda Wen, Cheng Pan, Guozhu Sun, Jian Chen, Lin Kang, Weiwei Xu, Yang Yu, and Peiheng Wu	
Reconstruction of the electric field in type-II superconducting thin films in perpendicular geometry (13 pages)	144506
C. Romero-Salazar, Ch. Jooss, and O. A. Hernández-Flores	
Phonons and superconductivity in fcc and dhcp lanthanum (9 pages)	144507
S. Bağcı, H. M. Tütüncü, S. Duman, and G. P. Srivastava	
Direct visualization of the Campbell regime in superconducting stripes (4 pages)	144508
R. B. G. Kramer, G. W. Ataklti, V. V. Moshchalkov, and A. V. Silhanek	
Constraints imposed by symmetry on pairing operators for the iron pnictides (11 pages)	144509
Xiaoyu Wang, Maria Daghofer, Andrew Nicholson, Adriana Moreo, Michael Guidry, and Elbio Dagotto	
Two-resonator circuit quantum electrodynamics: Dissipative theory (16 pages)	144510
Georg M. Reuther, David Zueco, Frank Deppe, Elisabeth Hoffmann, Edwin P. Menzel, Thomas Weißl, Matteo Mariantoni, Sigmund Kohler, Achim Marx, Enrique Solano, Rudolf Gross, and Peter Hänggi	
Vortices induced in a superconducting loop by asymmetric kinetic inductance and their detection in transport measurements (5 pages)	144511
G. R. Berdiyrov, M. V. Milošević, and F. M. Peeters	

(Continued)



The editors and referees of PRB find these papers to be of particular interest, importance, or clarity. Please see our Announcement Phys. Rev. B 77, 130001 (2008).

^{17}O NMR evidence for vanishing of magnetic polarons in the paramagnetic phase of ceramic CaMnO_3 (8 pages)	144415
S. Verkhovskii, A. Trokiner, A. Gerashenko, A. Yakubovskii, N. Medvedeva, Z. Litvinova, K. Mikhalev, and A. Buzlukov	
Magnon softening in a ferromagnetic monolayer: A first-principles spin dynamics study (5 pages)	144416
Anders Bergman, Andrea Taroni, Lars Bergqvist, Johan Hellsvik, Björgvin Hjörvarsson, and Olle Eriksson	
Interface structure of half-metallic Heusler alloy Co_2MnSi thin films facing an MgO tunnel barrier determined by x-ray magnetic circular dichroism (6 pages)	144417
Toshiaki Saito, Toshikazu Katayama, Takayuki Ishikawa, Masafumi Yamamoto, Daisuke Asakura, Tsuneharu Koide, Yoshio Miura, and Masafumi Shirai	
Magnetocrystalline anisotropy of Fe-Si alloys on $\text{MgO}(001)$ (6 pages)	144418
Y. N. Zhang, J. X. Cao, I. Barsukov, J. Lindner, B. Krumme, H. Wende, and R. Q. Wu	
Interplay between symmetric exchange anisotropy, uniform Dzyaloshinskii-Moriya interaction, and magnetic fields in the phase diagram of quantum magnets and superconductors (18 pages)	144419
Ion Garate and Ian Affleck	
Origin of the giant magnetic moment in epitaxial Fe_3O_4 thin films (7 pages)	144420
J. Orna, P. A. Algarabel, L. Morellón, J. A. Pardo, J. M. de Teresa, R. López Antón, F. Bartolomé, L. M. García, J. Bartolomé, J. C. Cezar, and A. Wildes	
Electron-phonon coupling in semimetals in a high magnetic field (4 pages)	144421
P. B. Littlewood, B. Mihaila, and R. C. Albers	
Evidence of Fermi level control in a half-metallic Heusler compound Co_2MnSi by Al-doping: Comparison of measurements with first-principles calculations (5 pages)	144422
Y. Sakuraba, K. Takanashi, Y. Kota, T. Kubota, M. Oogane, A. Sakuma, and Y. Ando	
Magnetic and thermodynamic properties of cobalt-doped iron pyrite: Griffiths phase in a magnetic semiconductor (19 pages)	144423
S. Guo, D. P. Young, R. T. Macaluso, D. A. Browne, N. L. Henderson, J. Y. Chan, L. L. Henry, and J. F. DiTusa	
Charge transport in cobalt-doped iron pyrite (11 pages)	144424
S. Guo, D. P. Young, R. T. Macaluso, D. A. Browne, N. L. Henderson, J. Y. Chan, L. L. Henry, and J. F. DiTusa	
Interfacial magnetoelectric coupling in tricomponent superlattices (5 pages)	144425
Jaekwang Lee, Na Sai, Tianyi Cai, Qian Niu, and Alexander A. Demkov	
Critical properties of the perovskite manganite $\text{La}_{0.1}\text{Nd}_{0.6}\text{Sr}_{0.3}\text{MnO}_3$ (6 pages)	144426
Jiyu Fan, Langsheng Ling, Bo Hong, Lei Zhang, Li Pi, and Yuheng Zhang	
Spin transfer and current-induced switching in antiferromagnets (10 pages)	144427
Helen V. Gomonay and Vadim M. Loktev	
Heat conductivity of the spin-Peierls compounds TiOCl and TiOBr (5 pages)	144428
N. Hlubek, M. Sing, S. Glawion, R. Claessen, S. van Smaalen, P. H. M. van Loosdrecht, B. Büchner, and C. Hess	
Spin density studies on $p\text{-O}_2\text{NC}_6\text{F}_4\text{CNSSN}$: A heavy p -block organic ferromagnet (12 pages)	144429
J. Luzon, J. Campo, F. Palacio, G. J. McIntyre, J. M. Rawson, R. J. Less, C. M. Pask, A. Alberola, R. D. Farley, D. M. Murphy, and A. E. Goeta	

(Continued)

Magnetism

Magnetic order of multiferroic ErMn_2O_5 studied by resonant soft x-ray Bragg diffraction (7 pages)	144401
U. Staub, Y. Bodenthin, M. García-Fernández, R. A. de Souza, M. Garganourakis, E. I. Golovenchits, V. A. Sanina, and S. G. Lushnikov	
Resonant magnetic and multipolar scattering at the neodymium $L_{2,3}$ absorption edges in the antiferroquadrupolar phase of NdMg (12 pages)	144402
Oana Bunău, Rose Marie Galéra, Yves Joly, Mehdi Amara, Sorana Emilia Luca, and Carsten Detlefs	
Magnetic anisotropy of embedded Co nanoparticles: Influence of the surrounding matrix (6 pages)	144403
Alexandre Tamion, Cécile Raufast, Matthias Hillenkamp, Edgar Bonet, J. Jouanguy, Bruno Canut, Estella Bernstein, Olivier Boisson, Wolfgang Wernsdorfer, and Véronique Dupuis	
^{51}V NMR study of the kagome staircase compound $\text{Ni}_3\text{V}_2\text{O}_8$ (9 pages)	144404
V. Ogloblichev, K. Kumagai, S. Verkhovskii, A. Yakubovsky, K. Mikhalev, Yu. Furukawa, A. Gerashenko, A. Smolnikov, S. Barilo, G. Bychkov, and S. Shiryayev	
Diffusive versus local spin currents in dynamic spin pumping systems (12 pages)	144405
Akihito Takeuchi, Kazuhiro Hosono, and Gen Tatara	
Understanding tunneling magnetoresistance during thermal annealing in MgO -based junctions with CoFeB electrodes (6 pages)	144406
W. G. Wang, C. Ni, G. X. Miao, C. Weiland, L. R. Shah, X. Fan, P. Parson, J. Jordan-sweet, X. M. Kou, Y. P. Zhang, R. Stearrett, E. R. Nowak, R. Opila, J. S. Moodera, and J. Q. Xiao	
Infinite randomness and quantum Griffiths effects in a classical system: The randomly layered Heisenberg magnet (9 pages)	144407
Priyanka Mohan, Rajesh Narayanan, and Thomas Vojta	
Free layer versus synthetic ferrimagnet layer auto-oscillations in nanopillars processed from MgO -based magnetic tunnel junctions (7 pages)	144408
S. Cornelissen, L. Bianchini, T. Devolder, Joo-Von Kim, W. Van Roy, L. Lagae, and C. Chappert	
Magnetic order in $\text{TbCo}_2\text{Zn}_{20}$ and $\text{TbFe}_2\text{Zn}_{20}$ (7 pages)	144409
W. Tian, A. D. Christianson, J. L. Zarestky, S. Jia, S. L. Bud'ko, P. C. Canfield, P. M. B. Piccoli, and A. J. Schultz	
J_1 - J_2 frustrated two-dimensional Heisenberg model: Random phase approximation and functional renormalization group (17 pages)	144410
Johannes Reuther and Peter Wölfle	
Double ferromagnetic resonance and configuration-dependent dipolar coupling in unsaturated arrays of bistable magnetic nanowires (11 pages)	144411
J. De La Torre Medina, L. Piroux, J. M. Olais Govea, and A. Encinas	
Magnetic vortex dynamics in the presence of pinning (12 pages)	144412
R. L. Compton, T. Y. Chen, and P. A. Crowell	
Crossover behavior of critical helix fluctuations in MnSi (9 pages)	144413
S. V. Grigoriev, S. V. Maleyev, E. V. Moskvina, V. A. Dyadkin, P. Fouquet, and H. Eckerlebe	
Magnetic properties of EuPtSi_3 single crystals (6 pages)	144414
Neeraj Kumar, S. K. Dhar, A. Thamizhavel, P. Bonville, and P. Manfrinetti	

(Continued)

Low-symmetry phases and loss of relaxation in nanosized lead scandium niobate (6 pages)	144122
J. M. Kiat, C. Bogicevic, F. Karolak, G. Dezanneau, N. Guiblin, W. Ren, L. Bellaiche, and R. Haumont	
Atomic transformation pathways from terahertz radiation generated by shock-induced phase transformations (7 pages)	144123
Evan J. Reed	
Phase transitions and phase diagram of the ferroelectric perovskite $(\text{Na}_{0.5}\text{Bi}_{0.5})_{1-x}\text{Ba}_x\text{TiO}_3$ by anelastic and dielectric measurements (10 pages)	144124
F. Cordero, F. Craciun, F. Trequattrini, E. Mercadelli, and C. Galassi	
Domain walls of ferroelectric BaTiO_3 within the Ginzburg-Landau-Devonshire phenomenological model (11 pages)	144125
P. Marton, I. Rychetsky, and J. Hlinka	
Theoretical and experimental study of the structural stability of TbPO_4 at high pressures (9 pages)	144126
J. López-Solano, P. Rodríguez-Hernández, A. Muñoz, O. Gomis, D. Santamaría-Perez, D. Errandonea, F. J. Manjón, R. S. Kumar, E. Stavrou, and C. Raptis	
Interplay between static and dynamic polar correlations in relaxor $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ (7 pages)	144127
C. Stock, L. Van Eijck, P. Fouquet, M. Maccarini, P. M. Gehring, Guangyong Xu, H. Luo, X. Zhao, J.-F. Li, and D. Viehland	
Competing phases in BiFeO_3 thin films under compressive epitaxial strain (5 pages)	144128
B. Dupé, I. C. Infante, G. Geneste, P.-E. Janolin, M. Bibes, A. Barthélémy, S. Lisenkov, L. Bellaiche, S. Ravy, and B. Dkhil	
Inhomogeneous, disordered, and partially ordered systems	
Dynamic response of $\text{Cu}_{46}\text{Zr}_{54}$ metallic glass to high-strain-rate shock loading: Plasticity, spall, and atomic-level structures (12 pages)	144201
Bedri Arman, Sheng-Nian Luo, Timothy C. Germann, and Tahir Çağın	
Double-stage glass transition in a metallic glass (6 pages)	144202
Dmitri V. Louzguine-Luzgin, Ichiro Seki, Tokujiro Yamamoto, Hitoshi Kawaji, C. Suryanarayana, and Akihisa Inoue	
Nanoscale disorder and local electronic properties of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$: An integrated study of electron, neutron, and x-ray diffraction, x-ray absorption fine structure, and first-principles calculations (19 pages)	144203
Jin-Cheng Zheng, A. I. Frenkel, L. Wu, J. Hanson, W. Ku, E. S. Božin, S. J. L. Billinge, and Yimei Zhu	
Dynamics, dynamical systems, lattice effects, quantum solids	
Nonequilibrium steady state in a periodically driven Kondo model (12 pages)	144301
M. Heyl and S. Kehrein	
Evidence for electron-phonon interaction in $\text{Fe}_{1-x}\text{M}_x\text{Sb}_2$ ($M=\text{Co}$ and Cr ; $0 \leq x \leq 0.5$) single crystals (4 pages)	144302
N. Lazarević, Z. V. Popović, Rongwei Hu, and C. Petrovic	
Identification of Λ -like systems in $\text{Er}^{3+}:\text{Y}_2\text{SiO}_5$ and observation of electromagnetically induced transparency (7 pages)	144303
E. Baldit, K. Bencheikh, P. Monnier, S. Briaudeau, J. A. Levenson, V. Crozatier, I. Lorgeré, F. Bretenaker, J. L. Le Gouët, O. Guillot-Noël, and Ph. Goldner	

(Continued)

Time-resolved interferometric detection of ultrashort strain solitons in sapphire (9 pages)	144106
P. J. S. van Capel and J. I. Dijkhuis	
Modeling diffusion and phase transitions by a uniform-acceptance force-bias Monte Carlo method (14 pages)	144107
Maria Timonova, Jasper Groenewegen, and Barend J. Thijsse	
Multivalent metal tetrahydroborides of Al, Sc, Y, Ti, and Zr (12 pages)	144108
Zbigniew Łodziana	
Point defect distribution in high-mobility conductive SrTiO ₃ crystals (9 pages)	144109
A. Gentils, O. Copie, G. Herranz, F. Fortuna, M. Bibes, K. Bouzehouane, É. Jacquet, C. Carrétéro, M. Basletić, E. Tafra, A. Hamzić, and A. Barthélémy	
Elasticity, strength, and refractive index of argon at high pressures (5 pages)	144110
Bin Chen, A. E. Gleason, J. Y. Yan, K. J. Koski, Simon Clark, and Raymond Jeanloz	
Depth-dependent ordering, two-length-scale phenomena, and crossover behavior in a crystal featuring a skin layer with defects (10 pages)	144111
Charo I. Del Genio, Kevin E. Bassler, Aleksandr L. Korzhenevskii, Rozaliya I. Barabash, Johann Trenkler, George F. Reiter, and Simon C. Moss	
Polar clusters in impurity-doped quantum paraelectric K _{1-x} Li _x TaO ₃ (10 pages)	144112
Grégory Geneste, Jean-Michel Kiat, Hiroko Yokota, Yoshiaki Uesu, and Florence Porcher	
Atomic displacements in the charge ice pyrochlore Bi ₂ Ti ₂ O ₆ O' studied by neutron total scattering (9 pages)	144113
Daniel P. Shoemaker, Ram Seshadri, Andrew L. Hector, Anna Llobet, Thomas Proffen, and Craig J. Fennie	
Enhanced Born charge and proximity to ferroelectricity in thallium halides (5 pages)	144114
Mao-Hua Du and David J. Singh	
Tuning the atomic and domain structure of epitaxial films of multiferroic BiFeO ₃ (6 pages)	144115
C. J. M. Daumont, S. Farokhipoor, A. Ferri, J. C. Wojdeł, Jorge Íñiguez, B. J. Kooi, and B. Noheda	
Ab initio study of ferroelectric closure domains in ultrathin PbTiO ₃ films (6 pages)	144116
Takahiro Shimada, Shogo Tomoda, and Takayuki Kitamura	
Experimental and theoretical investigation of the stability of the monoclinic BaWO ₄ -II phase at high pressure and high temperature (10 pages)	144117
R. Lacombe-Perales, D. Martinez-García, D. Errandonea, Y. Le Godec, J. Philippe, G. Le Marchand, J. C. Chervin, A. Polian, A. Muñoz, and J. López-Solano	
Enhancing permittivity of ferroelectric superlattices via composition tuning (6 pages)	144118
N. A. Pertsev, P.-E. Janolin, J.-M. Kiat, and Y. Uesu	
Force-matched embedded-atom method potential for niobium (15 pages)	144119
Michael R. Feller, Hyounghi Park, and John W. Wilkins	
Density functional theory study of ZnX (X=O, S, Se, Te) under uniaxial strain (5 pages)	144120
S. K. Yadav, T. Sadowski, and R. Ramprasad	
Robust charge and magnetic orders under electric field and current in multiferroic LuFe ₂ O ₄ (4 pages)	144121
Jinsheng Wen, Guangyong Xu, Genda Gu, and S. M. Shapiro	

(Continued)

Unusual disorder effects in superconducting $\text{LaFeAs}_{1-\delta}\text{O}_{0.9}\text{F}_{0.1}$ as revealed by ^{75}As NMR spectroscopy (4 pages)	140504(R)
F. Hammerath, S.-L. Drechsler, H.-J. Grafe, G. Lang, G. Fuchs, G. Behr, I. Eremin, M. M. Korshunov, and B. Büchner	
☞ Fermi-liquid behavior in an underdoped high- T_c superconductor (4 pages)	140505(R)
Suchitra E. Sebastian, N. Harrison, M. M. Altarawneh, Ruixing Liang, D. A. Bonn, W. N. Hardy, and G. G. Lonzarich	
☞ Theory of itinerant magnetic excitations in the spin-density-wave phase of iron-based superconductors (4 pages)	140506(R)
J. Knolle, I. Eremin, A. V. Chubukov, and R. Moessner	
☞ Pressure-induced superconductivity and large upper critical field in the noncentrosymmetric antiferromagnet CeIrGe_3 (4 pages)	140507(R)
F. Honda, I. Bonalde, K. Shimizu, S. Yoshiuchi, Y. Hirose, T. Nakamura, R. Settai, and Y. Ōnuki	
Superconductivity and magnetism in CuBiSO from first principles (2 pages)	140508(R)
I. I. Mazin	
Evidence for a full energy gap in the nickel pnictide superconductor $\text{LaNiAsO}_{1-x}\text{F}_x$ from ^{75}As nuclear quadrupole resonance (4 pages)	140509(R)
T. Tabuchi, Z. Li, T. Oka, G. F. Chen, S. Kawasaki, J. L. Luo, N. L. Wang, and Guo-qing Zheng	
Dispersion of the superconducting spin resonance in underdoped and antiferromagnetic BaFe_2As_2 (4 pages)	140510(R)
D. K. Pratt, A. Kreyssig, S. Nandi, N. Ni, A. Thaler, M. D. Lumsden, W. Tian, J. L. Zarestky, S. L. Bud'ko, P. C. Canfield, A. I. Goldman, and R. J. McQueeney	
^{75}As nuclear magnetic resonance study of antiferromagnetic fluctuations in the normal state of LiFeAs (4 pages)	140511(R)
P. Jeglič, A. Potočnik, M. Klanjšek, M. Bobnar, M. Jagodič, K. Koch, H. Rosner, S. Margadonna, B. Lv, A. M. Guloy, and D. Arčon	

ARTICLES

Structure, structural phase transitions, mechanical properties, defects

Boron solution and distribution in $\alpha\text{-Fe}$: Application to boron steel (7 pages)	144101
Seung Su Baik, B. I. Min, S. K. Kwon, and Y. M. Koo	
Origin of diffuse scattering in relaxor ferroelectrics (7 pages)	144102
P. Ganesh, E. Cockayne, M. Ahart, R. E. Cohen, B. Burton, Russell J. Hemley, Yang Ren, Wenge Yang, and Z.-G. Ye	
Electronic structure of BiMO_3 multiferroics and related oxides (10 pages)	144103
J. A. McLeod, Z. V. Pchelkina, L. D. Finkelstein, E. Z. Kurmaev, R. G. Wilks, A. Moewes, I. V. Solov'yev, A. A. Belik, and E. Takayama-Muromachi	
Determination of structural chirality of berlinite and quartz using resonant x-ray diffraction with circularly polarized x-rays (9 pages)	144104
Yoshikazu Tanaka, Taro Kojima, Yasutaka Takata, Ashish Chainani, Stephen W. Lovesey, Kevin S. Knight, Tomoyuki Takeuchi, Masaki Oura, Yasunori Senba, Haruhiko Ohashi, and Shik Shin	
Interplay between bending and stretching in carbon nanoribbons (5 pages)	144105
Emiliano Cadelano, Stefano Giordano, and Luciano Colombo	

(Continued)