

PHYSICAL REVIEW B

For editorial and subscription correspondence,
please see inside front cover
(ISSN: 1098-0121)

PERIODICALS
Postmaster send address changes to:
APS Subscription Services
Suite 1N01
2 Huntington Quadrangle
Melville, NY 11747-4502

THIRD SERIES, VOLUME 76, NUMBER 14

CONTENTS

OCTOBER 2007-1(II)

RAPID COMMUNICATIONS

Structure, structural phase transitions, mechanical properties, defects

- Adiabatic approximations of coupled dipole-proton model for hydrogen-bonded ferroelectrics (*4 pages*) 140101(R)
Dalibor Merunka and Boris Rakvin

Inhomogeneous, disordered, and partially ordered systems

- Nanoscale elastic inhomogeneity of a Pd-based metallic glass: Sound velocity from ultrasonic and inelastic x-ray scattering experiments (*4 pages*) 140201(R)
T. Ichitsubo, S. Hosokawa, K. Matsuda, E. Matsubara, N. Nishiyama, S. Tsutsui, and A. Q. R. Baron

Dynamics, dynamical systems, lattice effects, quantum solids

- Antimony vibrations in skutterudites probed by ^{121}Sb nuclear inelastic scattering (*4 pages*) 140301(R)
H.-C. Wille, R. P. Hermann, I. Sergueev, O. Leupold, P. van der Linden, B. C. Sales, F. Grandjean,
Gary J. Long, R. Rüffer, and Yu. V. Shvyd'ko
- Subdiffractive propagation of ultrasound in sonic crystals (*4 pages*) 140302(R)
V́ctor Espinosa, V́ctor J. Sánchez-Morcillo, Kestutis Staliunas, Isabel Pérez-Arjona, and Javier Redondo

Magnetism

- Kinetic arrest of the first order austenite to martensite phase transition in $\text{Ni}_{50}\text{Mn}_{34}\text{In}_{16}$: dc magnetization studies (*4 pages*) 140401(R)
V. K. Sharma, M. K. Chattopadhyay, and S. B. Roy
- Precession states in planar spin-transfer devices: The effective one-dimensional approximation (*4 pages*) 140402(R)
Ya. B. Bazaliy
- Ferromagnetic cuprates $\text{CaCu}_3\text{Ge}_4\text{O}_{12}$ and $\text{CaCu}_3\text{Sn}_4\text{O}_{12}$ with A-site ordered perovskite structure (*4 pages*) 140403(R)
H. Shiraki, T. Saito, T. Yamada, M. Tsujimoto, M. Azuma, H. Kurata, S. Isoda, M. Takano, and Y. Shimakawa
- Crystallization of the resonating valence bond liquid as vortex condensation (*4 pages*) 140404(R)
Arnaud Ralko, Michel Ferrero, Federico Becca, Dmitri Ivanov, and Frédéric Mila
- Increasing entanglement through engineered disorder in the random Ising chain (*4 pages*) 140405(R)
D. Binosi, G. De Chiara, S. Montangero, and A. Recati



Copyright 2007 by The American Physical Society

(Continued)



1098-0121(20071001)76:14;1-T

<i>Ab initio</i> investigation of magnetic interactions in the frustrated triangular magnet NiGa_2S_4 (4 pages)	140406(R)
I. I. Mazin	
Origin of the spin-asymmetry of hot-electron transmission in Fe (4 pages)	140407(R)
T. Banerjee, J. C. Lodder, and R. Jansen	
Spin-charge separation in a strongly correlated spin-polarized chain (4 pages)	140408(R)
Shimul Akhanjee and Yaroslav Tserkovnyak	
Superfluidity and superconductivity	
Magnetic field dependence of vortex core size in clean superconductors (4 pages)	140501(R)
R. Laiho, M. Safonchik, and K. B. Traito	
Oxygen isotope effect in $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{2n+4+\delta}$ ($n=1,2,3$) single crystals (4 pages)	140502(R)
Xiao-Jia Chen, Bing Liang, Clemens Ulrich, Cheng-Tian Lin, Viktor V. Struzhkin, Zhigang Wu, Russell J. Hemley, Ho-kwang Mao, and Hai-Qing Lin	
Resonance absorption of microwaves in He II: Evidence for roton emission (4 pages)	140503(R)
A. Rybalko, S. Rubets, E. Rudavskii, V. Tikhii, S. Tarapov, R. Golovashchenko, and V. Derkach	
Properties of high- T_C copper oxides from the nearly-free-electron model (4 pages)	140504(R)
T. Jarlborg	
Unidirectional d -wave superconducting domains in the two-dimensional t - J model (4 pages)	140505(R)
Marcin Raczkowski, Manuela Capello, Didier Poilblanc, Raymond Frésard, and Andrzej M. Oleś	
Macroscopic evidence for quantum criticality and field-induced quantum fluctuations in cuprate superconductors (4 pages)	140506(R)
A. D. Beyer, V. S. Zapf, H. Yang, F. Fabris, M. S. Park, K. H. Kim, S.-I. Lee, and N.-C. Yeh	
High-field vortices in Josephson junctions with alternating critical current density (4 pages)	140507(R)
Maayan Moshe and R. G. Mints	
Band-structure calculations of Fermi-surface pockets in <i>ortho</i> -II $\text{YBa}_2\text{Cu}_3\text{O}_{6.5}$ (4 pages)	140508(R)
A. Carrington and E. A. Yelland	

ARTICLES

Structure, structural phase transitions, mechanical properties, defects

Ideal tensile and shear strength of $\beta\text{-C}_3\text{N}_4$ from first-principles calculations (6 pages)	144101
Yi Zhang, Hong Sun, and Changfeng Chen	
Electronic topological transition in zinc under pressure: An x-ray absorption spectroscopy study (6 pages)	144102
G. Aquilanti, A. Trapananti, M. Minicucci, F. Liscio, A. Twaróg, E. Principi, and S. Pascarelli	
Nonlinear response theories and effective pair potentials (14 pages)	144103
Simon Gravel and N. W. Ashcroft	
First-principles calculations of structural, electronic, and thermodynamic properties of Na_2BeH_4 (7 pages)	144104
C. H. Hu, Y. M. Wang, D. M. Chen, D. S. Xu, and K. Yang	
Anisotropy of the strength of Si studied by a laser-based contact-free method (11 pages)	144105
Victor V. Kozhushko and Peter Hess	

Melting of lead under high pressure studied using second-scale time-resolved x-ray diffraction (5 pages)	144106
Agnès Dewaele, Mohamed Mezouar, Nicolas Guignot, and Paul Loubeyre	
Elasticity of ω -phase zirconium (4 pages)	144107
Wei Liu, Baosheng Li, Liping Wang, Jianzhong Zhang, and Yusheng Zhao	
Activation enthalpy for kink-pair nucleation on dislocations: Comparison between static and dynamic atomic-scale simulations (9 pages)	144108
David Rodney	
Cation vacancies in ferroelectric PbTiO_3 and $\text{Pb}(\text{Zr},\text{Ti})\text{O}_3$: A positron annihilation lifetime spectroscopy study (5 pages)	144109
D. J. Keeble, S. Singh, R. A. Mackie, M. Morozov, S. McGuire, and D. Damjanovic	
Reconstruction energies of partial dislocations in cubic semiconductors (5 pages)	144110
S. P. Beckman and D. C. Chrzan	
Absorbing boundary conditions for molecular dynamics and multiscale modeling (8 pages)	144111
S. Namilae, D. M. Nicholson, P. K. V. V. Nukala, C. Y. Gao, Y. N. Osetsky, and D. J. Keffer	
<i>In situ</i> synchrotron diffraction investigation of morphotropic $\text{Pb}[\text{Zr}_{1-x}\text{Ti}_x]\text{O}_3$ under an applied electric field (12 pages)	144112
Kristin A. Schönau, Michael Knapp, Hans Kungl, Michael J. Hoffmann, and Hartmut Fuess	
Size-dependent structural transition from multiple-twinned particles to epitaxial fcc nanocrystals and nanocrystal decay (8 pages)	144113
K. Sato, W. J. Huang, F. Bohra, S. Sivaramakrishnan, A. P. Tedjasaputra, and J. M. Zuo	
Metallization of aluminum hydride at high pressures: A first-principles study (5 pages)	144114
Chris J. Pickard and R. J. Needs	
Constrained molecular dynamics for quantifying intrinsic ductility versus brittleness (11 pages)	144115
D. Tanguy	
Correlation between the structure and the spin state in $R_{1-x}\text{Sr}_x\text{CoO}_3$ ($R=\text{La}, \text{Pr}, \text{and Nd}$) (7 pages)	144116
T. Takami, J.-S. Zhou, J. B. Goodenough, and H. Ikuta	
High-pressure and magneto-optical studies of Cr-related defects in the lithium-rich $\text{LiNbO}_3\text{:Cr,Mg}$ crystal (10 pages)	144117
A. Kamińska, A. Suchocki, S. Kobayakov, L. Arizmendi, M. Potemski, and F. J. Teran	
Clathrate formation in the Ba-Pd-Ge system: Phase equilibria, crystal structure, and physical properties (11 pages)	144118
N. Melnychenko-Koblyuk, A. Grytsiv, P. Rogl, M. Rotter, E. Bauer, G. Durand, H. Kaldarar, R. Lackner, H. Michor, E. Royanian, M. Koza, and G. Giester	
Structure and elasticity of $Cmcm$ CaIrO_3 and their pressure dependences: <i>Ab initio</i> calculations (6 pages)	144119
Taku Tsuchiya and Jun Tsuchiya	
Inhomogeneous, disordered, and partially ordered systems	
Effect of disorder strength on the fracture pattern in heterogeneous networks (13 pages)	144201
I. Malakhovsky and M. A. J. Michels	
Isothermal transformation of supercooled liquid <i>n</i> -butanol near the glass transition: Polyamorphic transitions in molecular liquids investigated using Raman scattering (6 pages)	144202
Aleksandra Wypych, Yannick Guinet, and Alain Hédoux	

Dielectric constant and ac conductivity of the layered cobalt oxide $\text{Bi}_2\text{Sr}_2\text{CoO}_{6+\delta}$: A possible metal-dielectric composite made by self-organization of Co^{2+} and Co^{3+} ions (5 pages)	144203
Y. Nagao, I. Terasaki, and T. Nakano	
First-principles study of ternary fcc solution phases from special quasirandom structures (10 pages)	144204
Dongwon Shin, Axel van de Walle, Yi Wang, and Zi-Kui Liu	
Physical and geometrical percolations of effective conductivity on a lattice (17 pages)	144205
Yeranuhi Hakobyan, Katerina D. Papoulia, and Mircea D. Grigoriu	
Pressure-induced structural change of liquid InAs and the systematics of liquid III-V compounds (10 pages)	144206
T. Hattori, K. Tsuji, Y. Miyata, T. Sugahara, and F. Shimojo	
Dynamics, dynamical systems, lattice effects, quantum solids	
Surface acoustic waves in two-dimensional phononic crystals: Dispersion relation and the eigenfield distribution of surface modes (6 pages)	144301
Degang Zhao, Zhengyou Liu, Chunyin Qiu, Zhaojian He, Feiyan Cai, and Manzhu Ke	
Method for retrieving effective properties of locally resonant acoustic metamaterials (5 pages)	144302
Vladimir Fokin, Muralidhar Ambati, Cheng Sun, and Xiang Zhang	
Formation of a large polaron crystal from a homogeneous, dilute polaron gas (9 pages)	144303
Giuseppe Iadonisi, Vladimir Mukhomorov, Giovanni Cantele, and Domenico Ninno	
Nonequilibrium statistical mechanics of classical nuclei interacting with the quantum electron gas (13 pages)	144304
Yu Wang and Lev Kantorovich	
Dynamical diffraction of neutrons and transition from beam splitter to phase shifter case (9 pages)	144305
Hartmut Lemmel	
Magnetism	
Magnetic, structural, and dielectric properties of CuB_2O_4 (4 pages)	144401
G. Nénert, L. N. Bezmaternykh, A. N. Vasiliev, and T. T. M. Palstra	
Effects of the lanthanide addition to the $\text{Sr}_2\text{CrReO}_6$ double perovskite (10 pages)	144402
J. Blasco, J. M. Michalik, J. García, G. Subías, and J. M. De Teresa	
Rich magnetic phase diagram of the kagome-staircase compound $\text{Mn}_3\text{V}_2\text{O}_8$ (5 pages)	144403
E. Morosan, J. Fleitman, T. Klimczuk, and R. J. Cava	
Large cryogenic magnetocaloric effect in the blocking state of $\text{GdAl}_2/\text{Al}_2\text{O}_3$ nanocapsules (9 pages)	144404
S. Ma, W. F. Li, D. Li, D. K. Xiong, N. K. Sun, D. Y. Geng, W. Liu, and Z. D. Zhang	
Multiple quantum NMR dynamics in dipolar ordered spin systems (5 pages)	144405
S. I. Doronin, E. B. Fel'dman, E. I. Kuznetsova, G. B. Furman, and S. D. Goren	
Spin dynamics of YMnO_3 studied via inelastic neutron scattering and the anisotropic Hubbard model (10 pages)	144406
Tapan Chatterji, S. Ghosh, A. Singh, L. P. Regnault, and M. Rheinstädter	
Micromagnetic modeling of spin-wave dynamics in exchange-biased permalloy disks (8 pages)	144407
O. G. Heinonen, D. K. Schreiber, and A. K. Petford-Long	

Magnetic structure of the $S=1$ $\text{Ni}_5(\text{TeO}_3)_4\text{Br}_2$ layered system governed by magnetic anisotropy (9 pages)	144408
M. Pregelj, A. Zorko, H. Berger, H. van Tol, L. C. Brunel, A. Ozarowski, S. Nellutla, Z. Jagličič, O. Zaharko, P. Tregenna-Piggott, and D. Arčon	
Oscillations of tunnel magnetoresistance induced by spin-wave excitations in ferromagnet-ferromagnet-ferromagnet double-barrier tunnel junctions (9 pages)	144409
Xi Chen, Qing-Rong Zheng, and Gang Su	
Excitation of self-localized spin-wave bullets by spin-polarized current in in-plane magnetized magnetic nanocontacts: A micromagnetic study (8 pages)	144410
Giancarlo Consolo, Bruno Azzerboni, Grant Gerhart, Gennady A. Melkov, Vasil Tiberkevich, and Andrei N. Slavin	
Biquadratic antisymmetric exchange and the magnetic phase diagram of magnetoelectric CuFeO_2 (6 pages)	144411
M. L. Plumer	
Absence of local magnetic moments in Ru and Rh impurities and clusters on Ag(100) and Pt(997) (6 pages)	144412
J. Honolka, K. Kuhnke, L. Vitali, A. Enders, K. Kern, S. Gardonio, C. Carbone, S. R. Krishnakumar, P. Bencok, S. Stepanow, and P. Gambardella	
Static impurities in the $S=\frac{3}{2}$ kagome lattice: Exact diagonalization calculations on small clusters (6 pages)	144413
A. Läuchli, S. Dommange, B. Normand, and F. Mila	
Magnetization oscillations induced by a spin-polarized current in a point-contact geometry: Mode hopping and nonlinear damping effects (9 pages)	144414
D. V. Berkov and N. L. Gorn	
Spin-polarized tunneling as a probe of the electronic properties of $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ heterostructures (6 pages)	144415
M. Elsen, H. Jaffrès, R. Mattana, L. Thevenard, A. Lemaitre, and J.-M. George	
Separation of exchange anisotropy and magnetocrystalline anisotropy in Co/CoO bilayers by means of ac susceptibility measurements (4 pages)	144416
Johan Åkerman, V. Ström, K. V. Rao, and E. Dan Dahlberg	
Symmetry and magnetically driven ferroelectricity in rare-earth manganites RMnO_3 ($R=\text{Gd}, \text{Tb}, \text{Dy}$) (9 pages)	144417
J. L. Ribeiro	
Dynamic properties of quantum spin chains: Simple route to complex behavior (11 pages)	144418
Taras Verkholyak, Oleg Derzhko, Taras Krokhmalskii, and Joachim Stolze	
Superexchange induced canted ferromagnetism in dilute magnets (7 pages)	144419
G. Bouzerar, R. Bouzerar, and O. Cépas	
Supersolidity, entropy, and frustration: t - t' - V model of hard-core bosons on the triangular lattice (4 pages)	144420
S. R. Hassan, L. de Medici, and A.-M. S. Tremblay	
Spin-flop transition in samarium metal investigated by capacitance dilatometry in a steady magnetic field of 45 T (7 pages)	144421
M. Rotter, A. Barcza, M. Doerr, M. D. Le, J. Brooks, E. Jobiliong, and J. Perenboom	

Breathers and Raman scattering in a two-leg ladder with staggered Dzyaloshinskii-Moriya interaction (13 pages)	144422
E. Orignac, R. Citro, S. Capponi, and D. Poilblanc	
Exchange-bias training effect in TbFe/GdFe: Micromagnetic mechanism (5 pages)	144423
T. Hauet, S. Mangin, J. McCord, F. Montaigne, and Eric E. Fullerton	
Microscopic theory of spin-polarization coupling in multiferroic transition metal oxides (7 pages)	144424
Chenglong Jia, Shigeki Onoda, Naoto Nagaosa, and Jung Hoon Han	
X-ray resonant magnetic scattering study of magnetization reversals in a nanoscale spin-valve array (5 pages)	144425
Dong Ryeol Lee, John W. Freeland, Yongseong Choi, George Srajer, Vitali Metlushko, and Bojan Ilic	
Electronic structure and magnetic and transport properties of single-crystalline UN (16 pages)	144426
M. Samsel-Czekala, E. Talik, P. de V. Du Plessis, R. Troć, H. Misiorek, and C. Sułkowski	
Adiabatic quantum dynamics of a random Ising chain across its quantum critical point (9 pages)	144427
Tommaso Caneva, Rosario Fazio, and Giuseppe E. Santoro	
Static and dynamic Jahn-Teller effects and antiferromagnetic order in PrO ₂ : A mean-field analysis (10 pages)	144428
Jens Jensen	
Interplay of spin glass physics and the Kondo effect in a model for dilute magnetic alloys (6 pages)	144429
Farhad Fazileh and Eugene H. Kim	
Effect of tip resonances on tunneling anisotropic magnetoresistance in ferromagnetic metal break-junctions: A first-principles study (6 pages)	144430
J. D. Burton, R. F. Sabirianov, J. P. Velev, O. N. Mryasov, and E. Y. Tsymbal	
Defect-induced spin deterioration of La _{0.64} Sr _{0.36} MnO ₃ : <i>Ab initio</i> study (5 pages)	144431
Kunpeng Wang, Yuchen Ma, and Klaus Betzler	
Dominant factor of zero-field-cooled magnetization in discontinuous Fe films (10 pages)	144432
Yu Shiratsuchi and Masahiko Yamamoto	
NMR study of ordered states in NpFeGa ₅ : Orbitally related ordering below 78 K (7 pages)	144433
S. Kambe, H. Sakai, Y. Tokunaga, R. E. Walstedt, D. Aoki, Y. Homma, and Y. Shiokawa	
Superfluidity and superconductivity	
Unzipping vortices in type-II superconductors (18 pages)	144501
Yariv Kafri, David R. Nelson, and Anatoli Polkovnikov	
Theory of the Nernst effect near quantum phase transitions in condensed matter and in dyonic black holes (23 pages)	144502
Sean A. Hartnoll, Pavel K. Kovtun, Markus Müller, and Subir Sachdev	
Superfluidity of ⁴ He in nanosize channels (9 pages)	144503
Hiroki Ikegami, Yoji Yamato, Tomohisa Okuno, Junko Taniguchi, Nobuo Wada, Shinji Inagaki, and Yoshiaki Fukushima	
Phase-dependent noise correlations in normal-superconducting structures (5 pages)	144504
Markku P. V. Stenberg, Pauli Virtanen, and Tero T. Heikkilä	

Investigations of the relationship between T_c and the superconducting gap under magnetic and nonmagnetic impurity substitutions in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ (8 pages)	144505
M. Le Tacon, A. Sacuto, Y. Gallais, D. Colson, and A. Forget	
Model for vortex pinning in a two-dimensional inhomogeneous d -wave superconductor (9 pages)	144506
Daniel Valdez-Balderas and David Stroud	
Magnetic fields above the surface of a superconductor with internal magnetism (8 pages)	144507
Hendrik Bluhm	
Conductance characteristics between a normal metal and a two-band superconductor carrying a supercurrent (8 pages)	144508
V. Lukic and E. J. Nicol	
ac Josephson current and supercurrent noise through one-dimensional correlated electron systems (5 pages)	144509
Nobuhiko Yokoshi and Susumu Kurihara	
Superconducting proximity effect in Pb/Ag nanocomposites (5 pages)	144510
Sangita Bose and Pushan Ayyub	
^{11}B NMR in the layered diborides OsB_2 and RuB_2 (4 pages)	144511
B. J. Suh, X. Zong, Y. Singh, A. Niazi, and D. C. Johnston	
Lattice dynamics of CaC_6 by Raman spectroscopy (6 pages)	144512
J. Hlinka, I. Gregora, J. Pokorny, C. Hérold, N. Emery, J. F. Marêché, and P. Lagrange	
Correlation effects in the triangular lattice single-band system Li_xNbO_2 (7 pages)	144513
K.-W. Lee, J. Kuneš, R. T. Scalettar, and W. E. Pickett	
Magnetic behavior of superconducting and nonsuperconducting $\text{RuSr}_2\text{Y}_{2-x}\text{Ce}_x\text{Cu}_2\text{O}_{10}$ ($x=0.5, 1.0$) (8 pages)	144514
I. Felner, I. Nowik, M. I. Tsindlickt, O. Yuli, I. Asulin, O. Millo, V. P. S. Awana, H. Kishan, S. Balamurugan, and E. Takayama-Muromachi	
Lattice distortion and elasticity change in s -wave and d -wave superconductors (12 pages)	144515
Mitsuo Kataoka and Daisuke Wakai	
Systematic analysis of a spin-susceptibility representation of the pairing interaction in the two-dimensional Hubbard model (5 pages)	144516
T. A. Maier, A. Macridin, M. Jarrell, and D. J. Scalapino	
Calculation of critical states of superconducting multilayers based on numerical solution of the Ginzburg-Landau equations for superconducting plates (9 pages)	144517
A. N. Lykov and A. Yu. Tsvetkov	
Superconducting qubits can be coupled and addressed as trapped ions (6 pages)	144518
Yu-xi Liu, L. F. Wei, J. R. Johansson, J. S. Tsai, and Franco Nori	
Anisotropic transport properties of UNi_2Al_3 thin films (5 pages)	144519
M. Foerster, A. Zakharov, and M. Jourdan	

COMMENTS

Comment on "Pressure-volume equation of state of the high-pressure $B2$ phase of NaCl " (2 pages)	146101
Zheng-Hua Fang	

ERRATA

Publisher's Note: Determination of the infrared complex magnetoconductivity tensor in itinerant ferromagnets from Faraday and Kerr measurements [Phys. Rev. B 75 , 214416 (2007)] (<i>1 page</i>)	149901(E)
M.-H. Kim, G. Acbas, M.-H. Yang, I. Ohkubo, H. Christen, D. Mandrus, M. A. Scarpulla, O. D. Dubon, Z. Schlesinger, P. Khalifah, and J. Cerne	
Erratum: Theory of helimagnons in itinerant quantum systems. II. Nonanalytic corrections to Fermi-liquid behavior [Phys. Rev. B 74 , 024409 (2006)] (<i>1 page</i>)	149902(E)
D. Belitz, T. R. Kirkpatrick, and A. Rosch	
Publisher's Note: Spin-polarized tunneling as a probe of the electronic properties of $\text{Ga}_{1-x}\text{Mn}_x\text{As}$ heterostructures [Phys. Rev. B 76 , 144415 (2007)] (<i>1 page</i>)	149903(E)
M. Elsen, H. Jaffrès, R. Mattana, L. Thevenard, A. Lemaitre, and J.-M. George	
Erratum: T_1^{-1} peak near T_c in unconventional Bardeen-Cooper-Schrieffer superconductors [Phys. Rev. B 75 , 052501 (2007)] (<i>1 page</i>)	149904(E)
David Parker and Stephan Haas	
Erratum: Growth and microstructure dependence of electronic and magnetic properties in magnetically doped Gd-Si amorphous semiconductors [Phys. Rev. B 75 , 184404 (2007)] (<i>1 page</i>)	149905(E)
Li Zeng, Erik Helgren, Frances Hellman, Rafiqul Islam, and David J. Smith	
Erratum: Algebraic spin liquid as the mother of many competing orders [Phys. Rev. B 72 , 104404 (2005)] (<i>2 pages</i>)	149906(E)
Michael Hermele, T. Senthil, and Matthew P. A. Fisher	
Erratum: Drift of charged defects in local fields as aging mechanism in ferroelectrics [Phys. Rev. B 75 , 184107 (2007)] (<i>1 page</i>)	149907(E)
Yuri A. Genenko and Doru C. Lupascu	