

Spatio-temporal dynamics of coupled electrons and holes in nanosize CdSe-CdS semiconductor tetrapods (4 pages)	081306(R)
C. Mauser, E. Da Como, J. Baldauf, A. L. Rogach, J. Huang, D. V. Talapin, and J. Feldmann	
☞ Fractional quantum Hall effect in CdTe (4 pages)	081307(R)
B. A. Piot, J. Kunc, M. Potemski, D. K. Maude, C. Betthausen, A. Vogl, D. Weiss, G. Karczewski, and T. Wojtowicz	
☞ Optically detected magnetic resonance at the quadrupole-split nuclear states in (In,Ga)As/GaAs quantum dots (4 pages)	081308(R)
K. Flisinski, I. Ya. Gerlovin, I. V. Ignatiev, M. Yu. Petrov, S. Yu. Verbin, D. R. Yakovlev, D. Reuter, A. D. Wieck, and M. Bayer	
Exchange cotunneling through quantum dots with spin-orbit coupling (4 pages)	081309(R)
J. Paaske, A. Andersen, and K. Flensberg	
Surface physics, nanoscale physics, low-dimensional systems	
Parameter-free dissipation in simulated sliding friction (4 pages)	081401(R)
A. Benassi, A. Vanossi, G. E. Santoro, and E. Tosatti	
☞ Dynamically reconfigurable directionality of plasmon-based single photon sources (4 pages)	081402(R)
Yuntian Chen, Peter Lodahl, and A. Femius Koenderink	
☞ Photon antibunching in the optical near field (4 pages)	081403(R)
R. Marty, A. Arbouet, V. Paillard, C. Girard, and G. Colas des Francs	
Dynamical scaling analysis of the optical Hall conductivity in the quantum Hall regime (4 pages)	081404(R)
Takahiro Morimoto, Yshai Avishai, and Hideo Aoki	
Quantum Monte Carlo calculations of dihydrogen binding energetics on Ca cations: An assessment of errors in density functionals for weakly bonded systems (4 pages)	081405(R)
Michal Bajdich, Fernando A. Reboredo, and P. R. C. Kent	
Aligning electronic energy levels at the TiO ₂ /H ₂ O interface (4 pages)	081406(R)
Jun Cheng and Michiel Sprik	
☞ Transport in gapped bilayer graphene: The role of potential fluctuations (4 pages)	081407(R)
K. Zou and J. Zhu	
Nonlinear broadband photoluminescence of graphene induced by femtosecond laser irradiation (4 pages)	081408(R)
Wei-Tao Liu, S. W. Wu, P. J. Schuck, M. Salmeron, Y. R. Shen, and F. Wang	
☞ Insulating behavior in metallic bilayer graphene: Interplay between density inhomogeneity and temperature (4 pages)	081409(R)
E. H. Hwang and S. Das Sarma	
Inelastic neutron scattering of a quantum translator-rotator encapsulated in a closed fullerene cage: Isotope effects and translation-rotation coupling in H ₂ @C ₆₀ and HD@C ₆₀ (4 pages)	081410(R)
A. J. Horsewill, S. Rols, M. R. Johnson, Y. Murata, M. Murata, K. Komatsu, M. Carravetta, S. Mamone, M. H. Levitt, J. Y.-C. Chen, J. A. Johnson, X. Lei, and N. J. Turro	
Impurity-assisted nanoscale localization of plasmonic excitations in graphene (4 pages)	081411(R)
Rodrigo A. Muniz, Hari P. Dahal, A. V. Balatsky, and Stephan Haas	

(Continued)

 Selected for a Viewpoint in *Physics*. Please visit <http://physics.aps.org/>.

 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).