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[Kristan Jensen](#) ([Victoria U.](#)), [Matthias Kaminski](#) ([Washington U., Seattle](#)), [Pavel Kovtun](#) ([Victoria U.](#)), [Rene Meyer](#) ([Crete U.](#)), [Adam Ritz](#) ([Victoria U.](#)), [Amos Yarom](#) ([Technion](#)). Mar 2012. 5 pp.
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- Poor man's holography: How far can it go?**
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[Castor Bachas](#), (ed.) (Ecole Normale Supérieure), [Laurent Baulieu](#), (ed.) (Paris, LPTHE), [Michael Douglas](#), (ed.) (Rutgers U., Piscataway & IHES, Bures-sur-Yvette), [Elias Kiritsis](#), (ed.) (Ecole Polytechnique, CPHT), [Eliezer Rabinovici](#), (ed.) (Hebrew U.), [Pierre Vanhove](#), (ed.) (Saclay, SPHT), [Paul Windey](#), (ed.), [Leticia F. Cugliandolo](#), (ed.) (Paris, LPTHE). 2012. 662 pp.
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22. **Tunable ferroelectricity in artificial tri-layer superlattices comprised of non-ferroic components.**
[K. Rogdakis](#), [J. W. Seo](#), [Z. Viskadourakis](#), [Y. Wang](#), [L. F. N. Ah Qune](#), [E. Choi](#), [J. D. Burton](#), [E. Y. Tsymlal](#), [J. Lee](#), [C. Panagopoulos](#)
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[T. Alho](#) (Jyväskylä U.), [M. Järvinen](#) (Crete U.), [K. Kajantie](#) (Helsinki Inst. of Phys.), [E. Kiritsis](#) (Crete U. & APC, Paris), [K. Tuominen](#) (Jyväskylä U. & Helsinki Inst. of Phys.). Oct 2012. 67 pp.
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25. **V-QCD: Spectra, the dilaton and the S-parameter**
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Associated members

- 1. Memory Effects in the Charge Response of Lightly Doped $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$.**
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- 4. Lattice Gauge Theory - Gravity duality and Coulomb's constant in five dimensions.**
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- 6. Graviton Corrections to Maxwell's Equations.**
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- 7. Intrinsic Structural Disorder and the Magnetic Ground State in Bulk EuTiO_3**
[A. P. Petrovic](#), [Y. Kato](#), [S. S. Sunku](#), [T. Ito](#), [P. Sengupta](#), [L. Spalek](#), [M. Shimuta](#), [T. Katsufuji](#), [C. D. Batista](#), [S. Saxena](#), [C. Panagopoulos](#)
Comments: 5 pages, 4 figures
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[Xiaofeng Xu](#), [A. F. Bangura](#), [C. Q. Niu](#), [M. Greenblatt](#), [Song Yue](#), [C. Panagopoulos](#), [N. E. Hussey](#)
Comments: 8 pages, 6 figures, To appear in Physical Review B
Journal-ref: PRB 85, 195101 (2012)
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[Nikos Irges \(Natl. Tech. U., Athens\)](#), [Georgios Orfanidis](#), [George Zoupanos \(CERN\)](#). May 2012. 28 pp. Note: arXiv admin note: substantial text overlap with arXiv:hep-ph/0111125, arXiv:1102.2220, arXiv:0808.3236, arXiv: hep-ph/0106033
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13. **Bi-quadratic magnetoelectric coupling in underdoped $La_{2-x}CuO_{4+x}$**
[S. Mukherjee](#), [B. M. Andersen](#), [Z. Viskadourakis](#), [I. Radulov](#), [C. Panagopoulos](#)
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Comments: 8 pages, 2 figures. arXiv admin note: text overlap with [arXiv:1112.1524](#)
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19. **Tunable ferroelectricity in artificial tri-layer superlattices comprised of non-ferroic components.**
[K. Rogdakis](#), [J. W. Seo](#), [Z. Viskadourakis](#), [Y. Wang](#), [L. F. N. Ah Qune](#), [E. Choi](#), [J. D. Burton](#), [E. Y. Tsymlal](#), [J. Lee](#), [C. Panagopoulos](#)
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20. **Holographic models for undoped Weyl semimetals**
[Umut Gursoy \(CERN\)](#), [Vivian Jacobs \(Utrecht U.\)](#), [Erik Plauschinn \(Utrecht U. & Padua U.\)](#), [Henk Stoof](#), [Stefan Vandoren \(Utrecht U.\)](#). Sep 2012. 64 pp.
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[Nikos Irges](#), [Francesco Knechtli](#), [Kyoko Yoneyama](#) Oct 2012
Comments: 7 pages, 2 figures, talk given at the XXX International Symposium on Lattice Field Theory, June 24-29, 2012, Cairns, Australia
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23. **Holographic Wilson Loops, Dielectric Interfaces, and Topological Insulators**
[John Estes](#) (Leuven U. & Imperial Coll., London), [Andy O'Bannon](#) (Cambridge U., DAMTP), [Efstratios Tsatis](#) (Patras U.), [Timm Wrase](#) (Stanford U., ITP). Oct 2012. 74 pp.
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[Adam Bzowski](#), [Paul McFadden](#), [Kostas Skenderis](#) Nov 2012
Comments: 44 pp, 3 figs
Subjects: High Energy Physics - Theory (hep-th); Cosmology and Extragalactic Astrophysics (astro-ph.CO); General Relativity and Quantum Cosmology (gr-qc)
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25. **Representing the Vacuum Polarization on de Sitter**
[Katie E. Leonard](#) (Florida U.), [T. Prokopec](#) (Utrecht U.), [R.P. Woodard](#) (Florida U.). Nov 2012. 16 pp.
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