

PHYSICAL REVIEW D

For editorial and subscription correspondence,
please see inside front cover
(ISSN: 1550-7998)

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

THIRD SERIES, VOLUME 79, NUMBER 12

CONTENTS

D15 JUNE 2009

RAPID COMMUNICATIONS

- Coexistence of matter dominated and accelerating solutions in $f(\mathcal{G})$ gravity (5 pages) 121301(R)
Naureen Goheer, Rituparno Goswami, Peter K. Dunsby, and Kishore Ananda
- Estimating relic magnetic fields from CMB temperature correlations (5 pages) 121302(R)
Massimo Giovannini
- Accretion of phantom scalar field into a black hole (5 pages) 121501(R)
J. A. González and F. S. Guzmán
- Gribov no-pole condition, Zwanziger horizon function, Kugo-Ojima confinement criterion, boundary conditions,
BRST breaking and all that (5 pages) 121701(R)
D. Dudal, S. P. Sorella, N. Vandersickel, and H. Verschelde

ARTICLES

- Search for gravitational waves from low mass binary coalescences in the first year of LIGO's S5 data (14 pages) 122001
B. P. Abbott *et al.* (LIGO Scientific Collaboration)
- Prospects of higher-order Laguerre-Gauss modes in future gravitational wave detectors (11 pages) 122002
Simon Chelkowski, Stefan Hild, and Andreas Freise
- Hyperon bulk viscosity in strong magnetic fields (12 pages) 123001
Monika Sinha and Debades Bandyopadhyay
- Impact of instrumental systematic contamination on the lensing mass reconstruction using the CMB polarization
(22 pages) 123002
Meng Su, Amit P. Yadav, and Matias Zaldarriaga
- Crossing of the phantom divide using tachyon-Gauss-Bonnet gravity (6 pages) 123003
J. Sadeghi, M. R. Setare, A. Banijamali, and F. Milani
- Plasma cutoff and enhancement of radiative transitions in dense stellar matter (11 pages) 123004
P. S. Shternin and D. G. Yakovlev
- Timelike geodesic currents in the stationary, axisymmetric, force-free magnetosphere of a Kerr black hole
(8 pages) 123005
Govind Menon and Charles D. Dermer
- Primordial " f_{NL} " non-Gaussianity and perturbations beyond the present horizon (10 pages) 123006
Jaiseung Kim and Pavel Naselsky
- Study on the solutions of the Sunyaev-Zeldovich effect for clusters of galaxies (13 pages) 123007
Satoshi Nozawa, Yasuharu Kohyama, and Naoki Itoh
- Zero sound in neutron stars with dense quark matter under strong magnetic fields (9 pages) 123008
Chris Kouvaris
- Constraining a spatially dependent rotation of the cosmic microwave background polarization (10 pages) 123009
Amit P. Yadav, Rahul Biswas, Meng Su, and Matias Zaldarriaga



Copyright 2009 by The American Physical Society

(Continued)



1550-7998(20090615)79:12*1;1-5

CONTENTS - Continued

PHYSICAL REVIEW D

THIRD SERIES, VOLUME 79, NUMBER 12

D15 JUNE 2009

TeV neutrinos from accreting x-ray pulsars (5 pages)	123010
Włodek Bednarek	
Model independent foreground power spectrum estimation using WMAP 5-year data (11 pages)	123011
Tuhin Ghosh, Rajib Saha, Pankaj Jain, and Tarun Souradeep	
Dynamical evolution of quintessence dark energy in collapsing dark matter halos (11 pages)	123012
Qiao Wang and Zuhui Fan	
Nonminimal quintessence and phantom with nearly flat potentials (8 pages)	123013
Gaveshna Gupta, Emmanuel N. Saridakis, and Anjan A. Sen	
Transient and late time attractor tachyon dark energy: Can we distinguish it from quintessence? (7 pages)	123501
Amna Ali, M. Sami, and A.A. Sen	
Bright high z SNIa: A challenge for Λ CDM (7 pages)	123502
L. Perivolaropoulos and A. Shafieloo	
Impact of Lorentz violation on the dynamics of inflation (6 pages)	123503
P.P. Avelino, D. Bazeia, L. Losano, R. Menezes, and J.J. Rodrigues	
Abelian Higgs cosmic strings: Small-scale structure and loops (17 pages)	123504
Mark Hindmarsh, Stephanie Stuckey, and Neil Bevis	
High energy positrons and the WMAP haze from exciting dark matter (29 pages)	123505
Ilias Cholis, Lisa Goodenough, and Neal Weiner	
Field theory model for dark matter and dark energy in interaction (8 pages)	123506
Sandro Micheletti, Elcio Abdalla, and Bin Wang	
Scale-dependent bias from primordial non-Gaussianity in general relativity (7 pages)	123507
David Wands and Anže Slosar	
Dynamical and thermodynamical aspects of interacting Kerr black holes (17 pages)	123508
Miguel S. Costa, Carlos A. Herdeiro, and Carmen Rebelo	
Singularity avoidance and time in quantum gravity (8 pages)	123509
Andreas Kreienbuehl	
Suppression of parametric resonance and the viability of tachyonic preheating after multifield inflation (10 pages)	123510
Diana Battefeld, Thorsten Battefeld, and John T. Giblin, Jr.	
Hints of the existence of axionlike particles from the gamma-ray spectra of cosmological sources (16 pages)	123511
M.A. Sánchez-Conde, D. Paneque, E. Bloom, F. Prada, and A. Domínguez	
Nonlinear evolution of the matter power spectrum in modified theories of gravity (21 pages)	123512
Kazuya Koyama, Atsushi Taruya, and Takashi Hiramatsu	
New constraints on radiative decay of long-lived particles in big bang nucleosynthesis with new ^4He photodisintegration data (10 pages)	123513
Motohiko Kusakabe, Toshitaka Kajino, Takashi Yoshida, Tatsushi Shima, Yasuki Nagai, and Toshiteru Kii	
Surviving the crash: Assessing the aftermath of cosmic bubble collisions (20 pages)	123514
Anthony Aguirre, Matthew C. Johnson, and Martin Tysanner	
Polarized CMB power spectrum estimation using the pure pseudo-cross-spectrum approach (30 pages)	123515
J. Grain, M. Tristram, and R. Stompor	
Cosmological constraints on the Hu-Sawicki modified gravity scenario (5 pages)	123516
Matteo Martinelli, Alessandro Melchiorri, and Luca Amendola	
ATIC, PAMELA, HESS, and Fermi data and nearby dark matter subhalos (12 pages)	123517
Michael Kuhlen and Dmitry Malyshev	
Structure of correlation functions in single-field inflation (11 pages)	123518
Sarah Shandera	
Gravitational waves from broken cosmic strings: The bursts and the beads (21 pages)	123519
Louis Leblond, Benjamin Shlaer, and Xavier Siemens	
Tensor power spectrum with holonomy corrections in loop quantum cosmology (13 pages)	123520
Jakub Mielczarek	
Cold dark matter isocurvature perturbations: Constraints and model selection (11 pages)	123521
Ian Sollom, Anthony Challinor, and Michael P. Hobson	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW D

THIRD SERIES, VOLUME 79, NUMBER 12

D15 JUNE 2009

Relation between the isotropy of the CMB and the geometry of the universe (5 pages)	123522
Syksy Räsänen	
Vorticity generation at second order in cosmological perturbation theory (4 pages)	123523
Adam J. Christopherson, Karim A. Malik, and David R. Matravers	
Complementarity in the multiverse (10 pages)	123524
Raphael Bousso	
Charged seven-dimensional spacetimes with spherically symmetric extra dimensions (14 pages)	123525
Antonio De Felice and Christophe Ringeval	
Spikes in the mixmaster regime of G_2 cosmologies (15 pages)	123526
Woei Chet Lim, Lars Andersson, David Garfinkle, and Frans Pretorius	
Consistent cosmological modifications to the Einstein equations (11 pages)	123527
Constantinos Skordis	
Stringy WIMP detection and annihilation (12 pages)	123528
James A. Maxin, Van E. Mayes, and Dimitri V. Nanopoulos	
Wormhole dynamics in spherical symmetry (5 pages)	124001
Sean A. Hayward	
$e^- - e^+$ pair creation by vacuum polarization around electromagnetic black holes (15 pages)	124002
C. Cherubini, A. Geralico, J.A. Rueda H., and R. Ruffini	
Gravitational-wave detection using redshifted 21-cm observations (4 pages)	124003
Somnath Bharadwaj and Tapomoy Guha Sarkar	
Kinematics of geodesic flows in stringy black hole backgrounds (10 pages)	124004
Anirvan Dasgupta, Hemwati Nandan, and Sayan Kar	
Modified clock inequalities and modified black hole lifetime (4 pages)	124005
Rong-Jia Yang and Shuang Nan Zhang	
Black-hole binary simulations: The mass ratio 10:1 (10 pages)	124006
José A. González, Ulrich Sperhake, and Bernd Brügmann	
Classifying and avoiding singularities in the alternative gravity dark energy models (16 pages)	124007
S. Capozziello, M. De Laurentis, S. Nojiri, and S.D. Odintsov	
Black/white hole radiation from dispersive theories (23 pages)	124008
Jean Macher and Renaud Parentani	
Holographic geometry and noise in matrix theory (8 pages)	124009
Craig J. Hogan and Mark G. Jackson	
Excised black hole spacetimes: Quasilocal horizon formalism applied to the Kerr example (15 pages)	124010
Nicolas Vasset, Jérôme Novak, and José Luis Jaramillo	
Tachyon field in loop quantum cosmology: An example of traversable singularity (7 pages)	124011
Li-Fang Li and Jian-Yang Zhu	
Vector models of gravitational Lorentz symmetry breaking (12 pages)	124012
Michael D. Seifert	
Homoclinic orbits around spinning black holes. I. Exact solution for the Kerr separatrix (19 pages)	124013
Janna Levin and Gabe Perez-Giz	
Homoclinic orbits around spinning black holes. II. The phase space portrait (11 pages)	124014
Gabe Perez-Giz and Janna Levin	
Grazing collisions of gravitational shock waves and entropy production in heavy ion collisions (12 pages)	124015
Shu Lin and Edward Shuryak	
Class of Einstein-Maxwell-dilaton-axion space-times (12 pages)	124016
Tonatiuh Matos, Galaxia Miranda, Rubén Sánchez-Sánchez, and Petra Wiederhold	
Semiclassical instability of dynamical warp drives (15 pages)	124017
Stefano Finazzi, Stefano Liberati, and Carlos Barceló	
Quasiequilibrium states of black hole-neutron star binaries in the moving-puncture framework (13 pages)	124018
Koutarou Kyutoku, Masaru Shibata, and Keisuke Taniguchi	
Dark torsion as the cosmic speed-up (5 pages)	124019
Gabriel R. Bengochea and Rafael Ferraro	

(Continued)

CONTENTS - Continued

PHYSICAL REVIEW D

THIRD SERIES, VOLUME 79, NUMBER 12

D15 JUNE 2009

Topological regularization and self-duality in four-dimensional anti-de Sitter gravity (6 pages)	124020
Olivera Mišković and Rodrigo Olea	
Application of the proximity force approximation to gravitational and Yukawa-type forces (6 pages)	124021
R. S. Decca, E. Fischbach, G. L. Klimchitskaya, D. E. Krause, D. López, and V. M. Mostepanenko	
Methods for detection and characterization of signals in noisy data with the Hilbert-Huang transform (10 pages)	124022
Alexander Stroeer, John K. Cannizzo, Jordan B. Camp, and Nicolas Gagarin	
Uniqueness theorem for charged rotating black holes in five-dimensional minimal supergravity (13 pages)	124023
Shinya Tomizawa, Yukinori Yasui, and Akihiro Ishibashi	
Massive Dirac particles on the background of charged de Sitter black hole manifolds (16 pages)	124024
F. Belgiorno and S. L. Cacciatori	
Massive motion in area metric spacetimes (8 pages)	124025
Raffaele Punzi, Frederic P. Schuller, and Mattias N. Wohlfarth	
Spinning dilaton black holes in 2 + 1 dimensions: Quasinormal modes and the area spectrum (10 pages)	124026
Sharmanthie Fernando	
Radiation reaction and gravitational waves in the effective field theory approach (19 pages)	124027
Chad R. Galley and Manuel Tiglio	
Effective-one-body waveforms calibrated to numerical relativity simulations: Coalescence of nonspinning, equal-mass black holes (19 pages)	124028
Alessandra Buonanno, Yi Pan, Harald P. Pfeiffer, Mark A. Scheel, Luisa T. Buchman, and Lawrence E. Kidder	
Randall-Sundrum scenario with bulk dilaton and torsion (7 pages)	124029
Biswarup Mukhopadhyaya, Somasri Sen, and Soumitra SenGupta	
Geometrical properties of the trans-spherical solutions in higher dimensions (8 pages)	124030
Gungwon Kang, Hyeong-Chan Kim, and Jungjai Lee	
Anisotropic cosmology and (super)stiff matter in Hořava's gravity theory (6 pages)	124031
S. Kalyana Rama	
Constraints on a phenomenologically parametrized neutron-star equation of state (18 pages)	124032
Jocelyn S. Read, Benjamin D. Lackey, Benjamin J. Owen, and John L. Friedman	
Measuring the neutron star equation of state with gravitational wave observations (12 pages)	124033
Jocelyn S. Read, Charalampos Markakis, Masaru Shibata, Kōji Uryū, Jolien D. Creighton, and John L. Friedman	
Gravitational waves from the fragmentation of a supersymmetric condensate (10 pages)	124034
Alexander Kusenkov, Anupam Mazumdar, and Tuomas Multamäki	
Quantum fate of singularities in a dark-energy dominated universe (16 pages)	124035
Mariam Bouhmadi-López, Claus Kiefer, Barbara Sandhöfer, and Paulo Vargas Moniz	
Spacetime constraints on accreting black holes (3 pages)	124036
David Garofalo	
Black holes, information, and decoherence (7 pages)	124037
Stephen D. Hsu and David Reeb	
Strong coupling quantum Einstein gravity at a $z = 2$ Lifshitz point (5 pages)	124038
Makoto Sakamoto	
Gödel solution in modified gravity (4 pages)	124039
C. Furtado, T. Mariz, J. R. Nascimento, A. Yu. Petrov, and A. F. Santos	
Numerical black hole initial data with low eccentricity based on post-Newtonian orbital parameters (19 pages)	124040
Benny Walther, Bernd Brügmann, and Doreen Müller	
Even the Minkowski space is holed (3 pages)	124041
S. Krasnikov	
More on massive 3D gravity (13 pages)	124042
Eric A. Bergshoeff, Olaf Hohm, and Paul K. Townsend	
Self-force calculations with matched expansions and quasinormal mode sums (37 pages)	124043
Marc Casals, Sam Dolan, Adrian C. Ottewill, and Barry Wardell	
Padé approximants of the Green function in spherically symmetric spacetimes (17 pages)	124044
Marc Casals, Sam Dolan, Adrian C. Ottewill, and Barry Wardell	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW D

THIRD SERIES, VOLUME 79, NUMBER 12

D15 JUNE 2009

Mass inflation in Brans-Dicke gravity (<i>14 pages</i>)	124045
P.P. Avelino, A.J. Hamilton, and C.A. Herdeiro	
Fate of black branes in Einstein-Gauss-Bonnet gravity (<i>9 pages</i>)	124046
P. Suranyi, C. Vaz, and L.C. Wijewardhana	
Energy-momentum diffusion from spacetime discreteness (<i>13 pages</i>)	124047
Lydia Philpott, Fay Dowker, and Rafael D. Sorkin	
Relativistic static thin dust disks with an inner edge: An infinite family of new exact solutions (<i>10 pages</i>)	124048
Guillermo A. González, Antonio C. Gutiérrez-Piñeres, and Viviana M. Viña-Cervantes	
Supersymmetry and gravitational duality (<i>12 pages</i>)	125001
Riccardo Argurio, François Dehouck, and Laurent Houart	
High-energy supersymmetry at finite temperature (<i>9 pages</i>)	125002
Simon Caron-Huot	
BPS and non-BPS kinks in a massive nonlinear $\mathbb{S}^2$ -sigma model (<i>16 pages</i>)	125003
A. Alonso-Izquierdo, M.A. Leon, and J. Mateos Guilarte	
Infrared singularities of QCD amplitudes with massive partons (<i>8 pages</i>)	125004
Thomas Becher and Matthias Neubert	
Higher point maximally helicity violating amplitudes in $\mathcal{N} = 4$ supersymmetric Yang-Mills theory (<i>8 pages</i>)	125005
C. Vergu	
Solving two-dimensional large- N QCD with a nonzero density of baryons and arbitrary quark mass (<i>16 pages</i>)	125006
Barak Bringoltz	
Minimal uncertainty in momentum: The effects of IR gravity on quantum mechanics (<i>8 pages</i>)	125007
M. Zarei and B. Mirza	
Renormalization of supersymmetric field theories in loop regularization with string-mode regulators (<i>20 pages</i>)	125008
Jian-Wei Cui, Yong Tang, and Yue-Liang Wu	
Asymptotics of thermal spectral functions (<i>11 pages</i>)	125009
S. Caron-Huot	
Duality, entropy, and ADM mass in supergravity (<i>23 pages</i>)	125010
Bianca L. Cerchiai, Sergio Ferrara, Alessio Marrani, and Bruno Zumino	
Position-dependent noncommutativity in quantum mechanics (<i>6 pages</i>)	125011
M. Gomes and V.G. Kupriyanov	
Non-Abelian duality and confinement in $\mathcal{N} = 2$ supersymmetric QCD (<i>23 pages</i>)	125012
M. Shifman and A. Yung	
Intersecting branes and Nambu–Jona-Lasinio model (<i>12 pages</i>)	125013
Avinash Dhar and Partha Nag	
Proposal for determining the energy content of gravitational waves by using approximate symmetries of differential equations (<i>14 pages</i>)	125014
Ibrar Hussain, F.M. Mahomed, and Asghar Qadir	
Light quark energy loss in strongly coupled $\mathcal{N} = 4$ supersymmetric Yang-Mills plasma (<i>19 pages</i>)	125015
Paul M. Chesler, Kristan Jensen, Andreas Karch, and Laurence G. Yaffe	
k -essence explains a Lorentz violation experiment (<i>4 pages</i>)	125016
Miao Li, Yi Pang, and Yi Wang	
No Lee-Wick fields out of gravity (<i>9 pages</i>)	125017
Andreas Rodigast and Theodor Schuster	
3D scalar model as a 4D perfect conductor limit: Dimensional reduction and variational boundary conditions (<i>8 pages</i>)	125018
Ariel Edery, Noah Graham, and Ilana MacDonald	
One-loop renormalization of the electroweak sector with Lorentz violation (<i>6 pages</i>)	125019
Don Colladay and Patrick McDonald	
Building the full fermion-photon vertex of QED by imposing multiplicative renormalizability of the Schwinger-Dyson equations for the fermion and photon propagators (<i>25 pages</i>)	125020
Ayşe Kızılersü and Michael R. Pennington	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW D

THIRD SERIES, VOLUME 79, NUMBER 12

D15 JUNE 2009

Alternative large N_c baryons and holography (8 pages)	125021
Carlos Hoyos and Andreas Karch	
Fermion localization and resonances on two-field thick branes (12 pages)	125022
C. A. Almeida, R. Casana, M. M. Ferreira, Jr., and A. R. Gomes	
Constraints for weakly interacting light bosons from existence of massive neutron stars (5 pages)	125023
M. I. Krivoruchenko, F. Šimkovic, and Amand Faessler	
Noncommutative quantum mechanics as a gauge theory (8 pages)	125024
F. S. Bemfica and H. O. Girotti	
Implication of compensator field and local scale invariance in the standard model (6 pages)	125025
Hitoshi Nishino and Subhash Rajpoot	
Baby Skyrmions stabilized by vector mesons (5 pages)	125026
David Foster and Paul Sutcliffe	
Unwinding in Hopfion vortex bunches (6 pages)	125027
Juha Jäykkä and Jarmo Hietarinta	
One-loop self-energies in the electroweak model with a nonlinearly realized gauge group (13 pages)	125028
D. Bettinelli, R. Ferrari, and A. Quadri	
Dirac quantization condition for monopole in noncommutative space-time (5 pages)	125029
Masud Chaichian, Subir Ghosh, Miklos Långvik, and Anca Tureanu	
Discrete symmetry breaking and baryon currents in $U(N)$ and $SU(N)$ gauge theories (6 pages)	125030
B. Lucini and A. Patella	
Generalized massive gravity in AdS_3 spacetime (10 pages)	126001
Yan Liu and Ya-Wen Sun	
Interaction between two nonthreshold bound states (13 pages)	126002
J. X. Lu, Bo Ning, Ran Wei, and Shan-Shan Xu	
Noether charge entropy in anti-de Sitter space and its field theory dual (9 pages)	126003
Ram Brustein and Dan Gorbonos	
Universality class of holographic superconductors (13 pages)	126004
Kengo Maeda, Makoto Natsuume, and Takashi Okamura	
Skyrmions with holography and hidden local symmetry (7 pages)	126005
Kanabu Nawa, Atsushi Hosaka, and Hideo Suganuma	
Finite size giant magnon (8 pages)	126006
Bojan Ramadanovic and Gordon W. Semenoff	
Inner brane: A D3-brane in Nappi-Witten space from an inner automorphism (7 pages)	126007
Yeuk-Kwan E. Cheung and Laurent Freidel	
Landscape of superconducting membranes (16 pages)	126008
Frederik Denef and Sean A. Hartnoll	
String spectra near some null cosmological singularities (15 pages)	126009
Kallingalthodi Madhu and K. Narayan	
Boundary condition for a D-brane from the Wilson loop, and gravitational interpretation of an eigenvalue in the matrix model in AdS/CFT correspondence (22 pages)	126010
Shoichi Kawamoto, Tsunehide Kuroki, and Akitsugu Miwa	
Explicit field realizations of W algebras (9 pages)	126011
Shao-Wen Wei, Yu-Xiao Liu, Li-Jie Zhang, and Ji-Rong Ren	
Sound damping constant for generalized theories of gravity (6 pages)	126012
Ram Brustein and A. J. Medved	
Janus and multifaced supersymmetric theories. II (11 pages)	126013
Chanju Kim, Eunkyong Koh, and Ki-Myeong Lee	
Modular application of an integration by fractional expansion method to multiloop Feynman diagrams. II (13 pages)	126014
Iván González and Iván Schmidt	

(Continued)

CONTENTS - *Continued*

PHYSICAL REVIEW D

THIRD SERIES, VOLUME 79, NUMBER 12

D15 JUNE 2009

BRIEF REPORTS

Comparison of perturbations in fluid and scalar field models of dark energy (<i>4 pages</i>)	127301
H.K. Jassal	
Cosmology with interaction in the dark sector (<i>4 pages</i>)	127302
F.E. Costa, E.M. Barboza, Jr., and J.S. Alcaniz	
Modified coupling procedure for the Poincaré gauge theory of gravity (<i>4 pages</i>)	127501
Marcin Kaźmierczak	
More about thin-shell wormholes associated to cosmic strings (<i>4 pages</i>)	127502
Martín G. Richarte and Claudio Simeone	
Conserved quantities in non-Abelian monopole fields (<i>4 pages</i>)	127701
P.A. Horváthy and J.-P. Ngome	
Constraints on unparticle long range forces from big bang nucleosynthesis bounds on the variation of the gravitational coupling (<i>4 pages</i>)	127702
O. Bertolami and N.M. Santos	

COMMENTS

Comment on “Modeling galaxy halos using dark matter with pressure” (<i>3 pages</i>)	128301
Kung-Yi Su and Pisin Chen	

ERRATA

Erratum: Template bank for gravitational waveforms from coalescing binary black holes: Nonspinning binaries [Phys. Rev. D 77 , 104017 (2008)] (<i>1 page</i>)	129901(E)
P. Ajith, S. Babak, Y. Chen, M. Hewitson, B. Krishnan, A.M. Sintes, J.T. Whelan, B. Brügmann, P. Diener, N. Dorband, J. Gonzalez, M. Hannam, S. Husa, D. Pollney, L. Rezzolla, L. Santamaría, U. Sperhake, and J. Thornburg	
Erratum: Intuitive understanding of non-Gaussianity in ekpyrotic and cyclic models [Phys. Rev. D 78 , 023506 (2008)] (<i>2 pages</i>)	129902(E)
Jean-Luc Lehnert and Paul J. Steinhardt	
Erratum: Non-Gaussian density fluctuations from entropically generated curvature perturbations in ekpyrotic models [Phys. Rev. D 77 , 063533 (2008)] (<i>2 pages</i>)	129903(E)
Jean-Luc Lehnert and Paul J. Steinhardt	