

*The Table of Contents is a total listing of Parts A and B.
Part A consists of articles 040001–044009, and Part B articles 044010–049903(E)*

PART A

EDITORIALS

Editorial: From the APS Editor in Chief (1 pages)	040001
Pierre Meystre	

RAPID COMMUNICATIONS

Cancellation of conformal and chiral anomalies in $\mathcal{N} \geq 5$ supergravities (5 pages)	041701(R)
Renata Kallosh	
Holographic pair and charge density waves (6 pages)	041901(R)
Sera Cremonini, Li Li, and Jie Ren	
Contribution of scalars to $\mathcal{N} = 4$ supersymmetric Yang-Mills amplitudes (6 pages)	041902(R)
Alfredo Bonini, Davide Fioravanti, Simone Piscaglia, and Marco Rossi	

ARTICLES

Analysis framework for the prompt discovery of compact binary mergers in gravitational-wave data (15 pages)	042001
Cody Messick, Kent Blackburn, Patrick Brady, Patrick Brockill, Kipp Cannon, Romain Cariou, Sarah Caudill, Sydney J. Chamberlin, Jolien D. E. Creighton, Ryan Everett, Chad Hanna, Drew Keppel, Ryan N. Lang, Tjonnie G. F. Li, Duncan Meacher, Alex Nielsen, Chris Pankow, Stephen Privitera, Hong Qi, Surabhi Sachdev, Laleh Sadeghian, Leo Singer, E. Gareth Thomas, Leslie Wade, Madeline Wade, Alan Weinstein, and Karsten Wiesner	
All correlations must die: Assessing the significance of a stochastic gravitational-wave background in pulsar timing arrays (13 pages)	042002
S. R. Taylor, L. Lentati, S. Babak, P. Brem, J. R. Gair, A. Sesana, and A. Vecchio	
All-sky search for short gravitational-wave bursts in the first Advanced LIGO run (14 pages)	042003
B. P. Abbott <i>et al.</i> (LIGO Scientific Collaboration and Virgo Collaboration)	
Cryogenic mechanical loss of a single-crystalline GaP coating layer for precision measurement applications (7 pages)	042004
Peter G. Murray, Iain W. Martin, Kieran Craig, James Hough, Sheila Rowan, Riccardo Bassiri, Martin M. Fejer, James S. Harris, Brian T. Lantz, Angie C. Lin, Ashot S. Markosyan, and Roger K. Route	
Searches for continuous gravitational waves from Scorpius X-1 and XTE J1751-305 in LIGO's sixth science run (15 pages)	042005
G. D. Meadors, E. Goetz, K. Riles, T. Creighton, and F. Robinet	
Black hole mergers and the QCD axion at Advanced LIGO (6 pages)	043001
Asimina Arvanitaki, Masha Baryakhtar, Savas Dimopoulos, Sergei Dubovsky, and Robert Lasenby	



Novel spectral features in MeV gamma rays from dark matter (7 pages)	043002
Torsten Bringmann, Ahmad Galea, Andrzej Hryczuk, and Christoph Weniger	
Geometric phases in neutrino oscillations with nonlinear refraction (18 pages)	043003
Lucas Johns and George M. Fuller	
Can transition radiation explain the ANITA event 3985267? (8 pages)	043004
Pavel Motloch, Jaime Alvarez-Muñiz, Paolo Privitera, and Enrique Zas	
Helicity coherence in binary neutron star mergers and nonlinear feedback (21 pages)	043005
Amélie Chatelain and Cristina Volpe	
Neutrinos from type Ia supernovae: The gravitationally confined detonation scenario (26 pages)	043006
Warren P. Wright, James P. Kneller, Sebastian T. Ohlmann, Friedrich K. Röpke, Kate Scholberg, and Ivo R. Seitenzahl	
Dark matter capture, subdominant WIMPs, and neutrino observatories (21 pages)	043007
Sebastian Baum, Luca Visinelli, Katherine Freese, and Patrick Stengel	
Thermodynamics and galactic clustering with a modified gravitational potential (10 pages)	043008
Sudhaker Upadhyay	
Polytropic spheres containing regions of trapped null geodesics (11 pages)	043009
Jan Novotný, Jan Hladík, and Zdeněk Stuchlík	
Nonlinear <i>E</i> -mode clustering in Lagrangian space (6 pages)	043501
Hao-Ran Yu, Ue-Li Pen, and Hong-Ming Zhu	
Cosmological inference using only gravitational wave observations of binary neutron stars (14 pages)	043502
Walter Del Pozzo, Tjonnie G. F. Li, and Chris Messenger	
Cosmology on all scales: A two-parameter perturbation expansion (32 pages)	043503
Sophia R. Goldberg, Timothy Clifton, and Karim A. Malik	
Simulated forecasts for primordial <i>B</i> -mode searches in ground-based experiments (20 pages)	043504
David Alonso, Joanna Dunkley, Ben Thorne, and Sigurd Næss	
Gravitational waves at aLIGO and vacuum stability with a scalar singlet extension of the standard model (10 pages)	043505
Csaba Balázs, Andrew Fowlie, Anupam Mazumdar, and Graham A. White	
Resurrection of large lepton number asymmetries from neutrino flavor oscillations (6 pages)	043506
Gabriela Barenboim, William H. Kinney, and Wan-Il Park	
Weyl current, scale-invariant inflation, and Planck scale generation (19 pages)	043507
Pedro G. Ferreira, Christopher T. Hill, and Graham G. Ross	
Full covariance of CMB and lensing reconstruction power spectra (30 pages)	043508
Julien Peloton, Marcel Schmittfull, Antony Lewis, Julien Carron, and Oliver Zahn	
Big bounce, slow-roll inflation, and dark energy from conformal gravity (9 pages)	043509
Jack Gegenberg, Shohreh Rahmati, and Sanjeev S. Seahra	
Evolution without evolution and without ambiguities (7 pages)	043510
C. Marletto and V. Vedral	
Stochastic gravitational waves associated with the formation of primordial black holes (10 pages)	043511
Tomohiro Nakama, Joseph Silk, and Marc Kamionkowski	
Impact of neutrino properties on the estimation of inflationary parameters from current and future observations (22 pages)	043512
Martina Gerbino, Katherine Freese, Sunny Vagnozzi, Massimiliano Lattanzi, Olga Mena, Elena Giusarma, and Shirley Ho	
Testing coupled dark energy models with their cosmological background evolution (10 pages)	043513
Carsten van de Bruck, Jurgen Mifsud, and Jack Morrice	
Off-shell dark matter: A cosmological relic of quantum gravity (9 pages)	043514
Mehdi Saravani and Niayesh Afshordi	
Goldstone models of modified gravity (40 pages)	043515
Philippe Brax and Patrick Valageas	
Quantum quenches during inflation (16 pages)	043516
Pedro Carrilho and Raquel H. Ribeiro	

(Continued)



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

By suggesting a few manuscripts each week, we hope to promote reading across fields. Please see our Announcement Phys. Rev. D **90**, 020001 (2014).

Calibrating cluster number counts with CMB lensing (<i>11 pages</i>)	043517
Thibaut Louis and David Alonso	
CMB lens sample covariance and consistency relations (<i>14 pages</i>)	043518
Pavel Motloch, Wayne Hu, and Aurélien Benoit-Lévy	
Core-halo mass relation of ultralight axion dark matter from merger history (<i>6 pages</i>)	043519
Xiaolong Du, Christoph Behrens, Jens C. Niemeyer, and Bodo Schwabe	
Evidence for interacting dark energy from BOSS (<i>9 pages</i>)	043520
Elisa G. M. Ferreira, Jerome Quintin, André A. Costa, E. Abdalla, and Bin Wang	
Unified composite scenario for inflation and dark matter in the Nambu–Jona-Lasinio model (<i>16 pages</i>)	043521
Phongpichit Channuie and Chi Xiong	
Stable equilibrium point and oscillatory motion of the Universe in a model with variable vacuum energy (<i>7 pages</i>)	043522
K. Trachenko	
Testing parity-violating physics from cosmic rotation power reconstruction (<i>10 pages</i>)	043523
Toshiya Namikawa	
Production of heavy sterile neutrinos from vector boson decay at electroweak temperatures (<i>35 pages</i>)	043524
Louis Lello, Daniel Boyanovsky, and Robert D. Pisarski	
Dynamics and chaos in the unified scalar field cosmology. II. System in a finite box (<i>9 pages</i>)	043525
Giovanni Acquaviva and Georgios Lukes-Gerakopoulos	
Dynamical Dark Matter from strongly-coupled dark sectors (<i>28 pages</i>)	043526
Keith R. Dienes, Fei Huang, Shufang Su, and Brooks Thomas	
String theory and the dark glueball problem (<i>11 pages</i>)	043527
James Halverson, Brent D. Nelson, and Fabian Ruehle	
Analytic halo approach to the bispectrum of galaxies in redshift space (<i>17 pages</i>)	043528
Kazuhiro Yamamoto, Yue Nan, and Chiaki Hikage	
Separate universes beyond general relativity (<i>14 pages</i>)	043529
Wayne Hu and Austin Joyce	
Measuring cosmic velocities with 21 cm intensity mapping and galaxy redshift survey cross-correlation dipoles (<i>19 pages</i>)	043530
Alex Hall and Camille Bonvin	
Anisotropies in the gravitational wave background as a probe of the cosmic string network (<i>10 pages</i>)	043531
Sachiko Kuroyanagi, Keitaro Takahashi, Naoyuki Yonemaru, and Hiroki Kumamoto	
Using inpainting to construct accurate cut-sky CMB estimators (<i>18 pages</i>)	043532
H. F. Gruetjen, J. R. Fergusson, M. Liguori, and E. P. S. Shellard	
Consistent higher derivative gravitational theories with stable de Sitter and anti-de Sitter backgrounds (<i>20 pages</i>)	043533
Tirthabir Biswas, Alexey S. Koshelev, and Anupam Mazumdar	
 Cosmic microwave background limits on accreting primordial black holes (<i>21 pages</i>)	043534
Yacine Ali-Haïmoud and Marc Kamionkowski	
Phenomenology of baryon acoustic oscillation evolution from Lagrangian to Eulerian space (<i>17 pages</i>)	043535
Tobias Baldauf and Vincent Desjacques	
Kriging interpolating cosmic velocity field. II. Taking anisotropies and multistreaming into account (<i>9 pages</i>)	043536
Yu Yu, Jun Zhang, Yipeng Jing, and Pengjie Zhang	
Cosmic strings and other topological defects in nonscaling regimes (<i>10 pages</i>)	043537
R. P. L. Azevedo and C. J. A. P. Martins	
Influence of the turbulent motion on the chiral magnetic effect in the early universe (<i>10 pages</i>)	043538
Maxim Dvornikov and Victor B. Semikoz	
Instabilities in tensorial nonlocal gravity (<i>8 pages</i>)	043539
Henrik Nersisyan, Yashar Akrami, Luca Amendola, Tomi S. Koivisto, Javier Rubio, and Adam R. Solomon	
Asymmetric dark matter bound state (<i>9 pages</i>)	043540
Xiao-Jun Bi, Zhaofeng Kang, P. Ko, Jinmian Li, and Tianjun Li	
Ultralight scalars as cosmological dark matter (<i>32 pages</i>)	043541
Lam Hui, Jeremiah P. Ostriker, Scott Tremaine, and Edward Witten	

(Continued)



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

By suggesting a few manuscripts each week, we hope to promote reading across fields. Please see our Announcement Phys. Rev. D **90**, 020001 (2014).

New astrophysical bounds on ultralight axionlike particles (7 pages)	043542
Nilanjan Banik, Adam J. Christopherson, Pierre Sikivie, and Elisa Maria Todarello	
Evolution of scalar fields surrounding black holes on compactified constant mean curvature hypersurfaces (29 pages) ...	044001
Manuel D. Morales and Olivier Sarbach	
Conserved charges of the extended Bondi-Metzner-Sachs algebra (19 pages)	044002
Éanna É. Flanagan and David A. Nichols	
Thermodynamics of extremal rotating thin shells in an extremal BTZ spacetime and the extremal black hole entropy (14 pages)	044003
José P. S. Lemos, Masato Minamitsuji, and Oleg B. Zaslavskii	
UV completion of the Starobinsky model, tensor-to-scalar ratio, and constraints on nonlocality (7 pages)	044004
James Edholm	
Linking loop quantum gravity quantization ambiguities with phenomenology (12 pages)	044005
Suddhasattwa Brahma, Michele Ronco, Giovanni Amelino-Camelia, and Antonino Marciandò	
Spin precession in a black hole and naked singularity spacetimes (6 pages)	044006
Chandrachur Chakraborty, Prashant Kocherlakota, and Pankaj S. Joshi	
Near horizon soft hairs as microstates of generic AdS_3 black holes (13 pages)	044007
M. M. Sheikh-Jabbari and H. Yavartanoo	
Curvature dependence of relativistic epicyclic frequencies in static, axially symmetric spacetimes (6 pages)	044008
Ronaldo S. S. Vieira, Włoddek Kluźniak, and Marek Abramowicz	
Gravitational collapse of a homogeneous scalar field coupled kinematically to Einstein tensor (16 pages)	044009
George Koutsoumbas, Konstantinos Ntrekis, Eleftherios Papantonopoulos, and Minas Tsoukalas	

PART B

Aspects of general higher-order gravities (44 pages)	044010
Pablo Bueno, Pablo A. Cano, Vincent S. Min, and Manus R. Visser	
Effect of lensing magnification on the apparent distribution of black hole mergers (17 pages)	044011
Liang Dai, Tejaswi Venumadhav, and Kris Sigurdson	
Future singularities if the universe underwent Starobinsky inflation in the past (22 pages)	044012
Eric D. Carlson, Paul R. Anderson, John R. Einhorn, Bradley Hicks, and Andrew J. Lundeen	
Gravitational collapse of thin shells of dust in asymptotically flat shape dynamics (10 pages)	044013
Flavio Mercati, Henrique Gomes, Tim Koslowski, and Andrea Napoletano	
Nanogravity gradiometer based on a sharp optical nonlinearity in a levitated particle optomechanical system (7 pages)	044014
Jian Liu and Ka-Di Zhu	
Semiclassical analysis of black holes in loop quantum gravity: Modeling Hawking radiation with volume fluctuations (12 pages)	044015
P. Heidmann, H. Liu, and K. Noui	
Ultralight scalars and resonances in black-hole physics (11 pages)	044016
Ryuichi Fujita and Vitor Cardoso	
Finite-distance corrections to the gravitational bending angle of light in the strong deflection limit (7 pages)	044017
Asahi Ishihara, Yusuke Suzuki, Toshiaki Ono, and Hideki Asada	
$\text{SU}(2)$ flat connection on a Riemann surface and 3D twisted geometry with a cosmological constant (13 pages)	044018
Muxin Han and Zichang Huang	
Cosmological models in modified gravity theories with extended nonminimal derivative couplings (16 pages)	044019
Tiberiu Harko, Francisco S. N. Lobo, Emmanuel N. Saridakis, and Minas Tsoukalas	
Noncommutativity in near horizon symmetries in gravity (6 pages)	044020
Bibhas Ranjan Majhi	
Classifying self-gravitating radiations (10 pages)	044021
Hyeon-Chan Kim	

(Continued)



Intersecting D3-D3'-brane system at finite temperature (<i>14 pages</i>)	044022
William Cottrell, James Hanson, Akikazu Hashimoto, Andrew Loveridge, and Duncan Pettengill	
Gravitomagnetic tidal currents in rotating neutron stars (<i>19 pages</i>)	044023
Eric Poisson and Jean Douçot	
Estimating cosmological parameters by the simulated data of gravitational waves from the Einstein Telescope (<i>9 pages</i>)	044024
Rong-Gen Cai and Tao Yang	
Continuous body dynamics and the Mathisson-Papapetrou-Dixon equations (<i>16 pages</i>)	044025
S. P. Loomis and J. David Brown	
Energy and periastron advance of compact binaries on circular orbits at the fourth post-Newtonian order (<i>19 pages</i>)	044026
Laura Bernard, Luc Blanchet, Alejandro Bohé, Guillaume Faye, and Sylvain Marsat	
Proca Q tubes and their coupling to gravity (<i>12 pages</i>)	044027
Y. Brihaye and Y. Verbin	
Improved effective-one-body model of spinning, nonprecessing binary black holes for the era of gravitational-wave astrophysics with advanced detectors (<i>29 pages</i>)	044028
Alejandro Bohé, Lijing Shao, Andrea Taracchini, Alessandra Buonanno, Stanislav Babak, Ian W. Harry, Ian Hinder, Serguei Ossokine, Michael Pürrer, Vivien Raymond, Tony Chu, Heather Fong, Prayush Kumar, Harald P. Pfeiffer, Michael Boyle, Daniel A. Hemberger, Lawrence E. Kidder, Geoffrey Lovelace, Mark A. Scheel, and Béla Szilágyi	
Effect of matter structure on the gravitational waveform (<i>15 pages</i>)	044029
Camille Bonvin, Chiara Caprini, Riccardo Sturani, and Nicola Tamanini	
Gravitational perturbations of the Higgs field (<i>15 pages</i>)	044030
Franco D. Albareti, Antonio L. Maroto, and Francisco Prada	
Hybrid metric-Palatini stars (<i>20 pages</i>)	044031
Bogdan Danilă, Tiberiu Harko, Francisco S. N. Lobo, and M. K. Mak	
Maximum mass limit of neutron stars in scalar-tensor gravity (<i>6 pages</i>)	044032
Hajime Sotani and Kostas D. Kokkotas	
Thermodynamics of scale factor dual universes (<i>9 pages</i>)	044033
G. M. Sotkov, A. L. Alves Lima, and U. Camara da Silva	
Gravitational rotation of polarization: Clarifying the gauge dependence and prediction for a double pulsar (<i>7 pages</i>)	044034
Ue-Li Pen, Xin Wang, and I-Sheng Yang	
Addendum to "Absorption of a massive scalar field by a charged black hole" (<i>2 pages</i>)	044035
Carolina L. Benone, Ednilton S. de Oliveira, Sam R. Dolan, and Luís C. B. Crispino	
Sensitivity to a frequency-dependent circular polarization in an isotropic stochastic gravitational wave background (<i>15 pages</i>)	044036
Tristan L. Smith and Robert Caldwell	
Constraining some Horndeski gravity theories (<i>9 pages</i>)	044037
Sourav Bhattacharya and Sumanta Chakraborty	
Breaking the Vainshtein screening in clusters of galaxies (<i>23 pages</i>)	044038
Vincenzo Salzano, David F. Mota, Salvatore Capozziello, and Megan Donahue	
Measuring neutron star tidal deformability with Advanced LIGO: A Bayesian analysis of neutron star-black hole binary observations (<i>23 pages</i>)	044039
Prayush Kumar, Michael Pürrer, and Harald P. Pfeiffer	
Dark matter in modified gravity? (<i>11 pages</i>)	044040
Taishi Katsuragawa and Shinya Matsuzaki	
Gravitational shock wave inside a steadily accreting spherical charged black hole (<i>25 pages</i>)	044041
Ehud Eilon	
Quantum radiation from a sandwich black hole (<i>20 pages</i>)	044042
Valeri P. Frolov and Andrei Zelnikov	
Pair production in near extremal Kerr-Newman black holes (<i>10 pages</i>)	044043
Chiang-Mei Chen, Sang Pyo Kim, Jia-Rui Sun, and Fu-Yi Tang	

(Continued)



Stability of singularity-free cosmological solutions in Hořava-Lifshitz gravity (22 pages)	044044
Yosuke Misonoh, Mitsuhiro Fukushima, and Shoichiro Miyashita	
Gravitational waves and mass ejecta from binary neutron star mergers: Effect of the stars' rotation (21 pages)	044045
Tim Dietrich, Sebastiano Bernuzzi, Maximiliano Ujevic, and Wolfgang Tichy	
Automatically generated code for relativistic inhomogeneous cosmologies (12 pages)	044046
Eloisa Bentivegna	
Uniqueness of static photon surfaces: Perturbative approach (8 pages)	044047
Hirotaka Yoshino	
Deformed symmetries in noncommutative and multifractional spacetimes (13 pages)	045001
Gianluca Calcagni and Michele Ronco	
Gauged baby Skyrme model with a Chern-Simons term (14 pages)	045002
A. Samoilenska and Ya. Shnir	
Nonperturbative renormalization group for scalar fields in de Sitter space: Beyond the local potential approximation (20 pages)	045003
Maxime Guilleux and Julien Serreau	
One-dimensional semirelativistic Hamiltonian with multiple Dirac delta potentials (30 pages)	045004
Fatih Erman, Manuel Gadella, and Haydar Uncu	
Fermionic vacuum polarization by an Abelian magnetic tube in the cosmic string spacetime (16 pages)	045005
M. S. Maior de Sousa, R. F. Ribeiro, and E. R. Bezerra de Mello	
Leading and subleading UV divergences in scattering amplitudes for $D = 8$ $\mathcal{N} = 1$ SYM theory in all loops (9 pages)	045006
D. I. Kazakov and D. E. Vlasenko	
Vacuum polarization throughout general subtracted black hole spacetimes (10 pages)	045007
Mirjam Cvetič and Alejandro Satz	
Gravitational localization of scalar zero modes in $SU(5) \times Z_2$ branes (8 pages)	045008
Nelson Pantoja and Rossana Rojas	
Unitarity and microscopic acausality in a nonlocal theory (13 pages)	045009
Christopher D. Carone	
Quantum complexity and negative curvature (19 pages)	045010
Adam R. Brown, Leonard Susskind, and Ying Zhao	
Nonperturbative aspects of Euclidean Yang-Mills theories in linear covariant gauges: Nielsen identities and a BRST-invariant two-point correlation function (22 pages)	045011
M. A. L. Capri, D. Dudal, A. D. Pereira, D. Fiorentini, M. S. Guimaraes, B. W. Mintz, L. F. Palhares, and S. P. Sorella	
Constrained field theories on spherically symmetric spacetimes with horizons (10 pages)	045012
Karan Fernandes, Amitabha Lahiri, and Suman Ghosh	
Functional renormalization group for the $U(1)$ - T_5^6 tensorial group field theory with closure constraint (15 pages)	045013
Vincent Lahoche and Dine Ousmane Samary	
Yang-Mills correlators across the deconfinement phase transition (28 pages)	045014
U. Reinosa, J. Serreau, M. Tissier, and A. Tresmontant	
Wilson loop in light-front quantization (11 pages)	045015
H. Reinhardt	
Fuzzy CP^2 spacetimes (8 pages)	046001
A. Chaney and A. Stern	
Ultra-spinning gauged supergravity black holes and their Kerr/CFT correspondence (18 pages)	046002
S. M. Noorbakhsh and M. Ghominejad	
Entanglement equilibrium for higher order gravity (18 pages)	046003
Pablo Bueno, Vincent S. Min, Antony J. Speranza, and Manus R. Visser	
Uncolored random tensors, melon diagrams, and the Sachdev-Ye-Kitaev models (13 pages)	046004
Igor R. Klebanov and Grigory Tarnopolsky	
Dynamics and observer dependence of holographic screens (16 pages)	046005
Raphael Bousso and Mudassir Moosa	

(Continued)



Euclidean M-theory background dual to a three-dimensional scale-invariant field theory without conformal invariance (4 pages)	046006
Yu Nakayama	
Deformed relativity symmetries and the local structure of spacetime (10 pages)	046007
Marco Letizia and Stefano Liberati	
Enhanced asymptotic symmetry algebra of $(2 + 1)$ -dimensional flat space (13 pages)	046008
Stéphane Detournay and Max Riegler	
Thermal phase transitions of dimensionally continued AdS black holes (9 pages)	046009
Xiao-Mei Kuang and Olivera Miskovic	
Quantum simulation of gravitational-like waves in minisuperspace with an artificial qubit (13 pages)	046010
Ze-Lin Zhang, Ming-Feng Chen, Huai-Zhi Wu, and Zhen-Biao Yang	
Nonvacuum AdS cosmology and comments on gauge theory correlator (12 pages)	046011
Soumyabrata Chatterjee, Sudipto Paul Chowdhury, Sudipta Mukherji, and Yogesh K. Srivastava	
Two-loop gravity amplitudes from four dimensional unitarity (9 pages)	046012
David C. Dunbar, Guy R. Jehu, and Warren B. Perkins	
Two-loop renormalization of quantum gravity simplified (10 pages)	046013
Zvi Bern, Huan-Hang Chi, Lance Dixon, and Alex Edison	
Nonlinear conductivity of a holographic superconductor under constant electric field (5 pages)	046014
Hua Bi Zeng, Yu Tian, Zheyong Fan, and Chiang-Mei Chen	
Investigation of Finsler geometry as a generalization to curved spacetime of Planck-scale-deformed relativity in the de Sitter case (16 pages)	046015
Iarley P. Lobo, Niccoló Loreti, and Francisco Nettel	
Exact path integral for 3D higher spin gravity (8 pages)	046016
Masazumi Honda, Norihiro Iizuka, Akinori Tanaka, and Seiji Terashima	

COMMENTS

Comment on “Fermion production in a magnetic field in a de Sitter universe” (5 pages)	048501
Nistor Nicolaevici and Attila Farkas	
Reply to “Comment on ‘Fermion production in a magnetic field in a de Sitter universe’” (5 pages)	048502
Cosmin Crucean and Mihaela-Andreea Băloi	

ERRATA

Publisher’s Note: Chirped-frequency excitation of gravitationally bound ultracold neutrons [Phys. Rev. D 95 , 025016 (2017)] (1 pages)	049901
Giovanni Manfredi, Omar Morandi, Lazar Friedland, Tobias Jenke, and Hartmut Abele	
Erratum: I-Love-Q relations for gravastars and the approach to the black-hole limit [Phys. Rev. D 92 , 124030 (2015)] (1 pages)	049902
Paolo Pani	
Erratum: Energy-momentum correlations for Abelian Higgs cosmic strings [Phys. Rev. D 93 , 085014 (2016)] (2 pages)	049903
David Daverio, Mark Hindmarsh, Martin Kunz, Joanes Lizarraga, and Jon Urrestilla	

