

Nr.	Autor	Articol	Jurnal
1	Ambrus, V. E.; Winstanley, E.	Rotating fermions inside a cylindrical boundary	Physical Review D, vol.93, Issue: 10 Article Number: 104014, DOI: 10.1103/PhysRevD.93.104014, ISSN: 2470-0010
2	Ambrus, V.E.; Cotaescu, I.I.	Maxwell-Juttner distribution for rigidly rotating flows in spherically symmetric spacetimes using the tetrad formalism	Physical Review D, vol. 94, Issue: 8 Article Number: 085022, DOI: 10.1103/PhysRevD.94.085022, ISSN: 2470-0010
3	Bălățeanu D.-M.	The transport of the Dirac fermions through certain one-dimensional quantum wire structures	Romanian Journal of Physics, vol.61(7), pp.1224-1234, WOS:000385603700008, ISSN:1221-146X
4	Bica, I.; Anitas, E. M.; Bunoiu, M.; et al.	Mechanisms of micropore formation in silicone rubber based membranes	Romanian Journal of Physics, vol.61(3-4) pp.464-472, WOS: 000376474500015, ISSN: 1221-146X
5	Bica, I.; Balasoiu, M.; Bunoiu, M.; et al.	Microparticles and Electroconductive Magnetorheological Suspensions	Romanian Journal of Physics, vol. 61(5-6), pp.926-945, WOS: 000381898000015, ISSN: 1221-146X
6	Ceban, I.; Blajovan, R.; Vlase, G.; et al.	Thermoanalytical measurements conducted on repaglinide to estimate the kinetic triplet followed by compatibility studies between the antidiabetic agent and various excipients	Journal of Thermal Analysis and Calorimetry, vol.126, Issue 1, pp 195–204, DOI: 10.1007/s10973-016-5729-7, ISSN: 1388-6150
7	Chicu, S.A.; Schannen, L.; Putz, M.V.; et al.	Hydractinia echinata test-system. IV. Toxic synergism of human pharmaceuticals in mixtures with iodoform	Ecotoxicology and Environmental Safety vol.134, pp. 80-85, Part: 1, DOI: 10.1016/j.ecoenv.2016.08.014, ISSN: 0147-6513
8	Cretan R.	Popular responses to city-text changes: street naming and the politics of practicality in a post-socialist martyr city	Area, vol.48(1) pp: 92-102, DOI: 10.1111/area.12241, ISSN: 0004-0894
9	Crucean, C.; Baloi, M.A.	Fermion production in a magnetic field in a de Sitter universe	Physical Review D, vol.93, Issue: 4 Article Number: 044070, DOI: 10.1103/PhysRevD.93.044070, ISSN: 2470-0010
10	Dima, B.; Dima, S. M.	Income Distribution and Social Tolerance	Social Indicators Research, vol.128 Issue:1, pp.439-466, DOI: 10.1007/s11205-015-1038-y, ISSN: 0303-8300
11	Doca, S.C.; Abu, P.; Ceban, I.; Vlase G., Vlase T.V. et al.	Sodium alendronate used in bone treatment	Journal of Thermal Analysis and Calorimetry, vol. 126, Issue 1, pp 189–194, DOI: 10.1007/s10973-016-5619-z, ISSN: 1388-6150
12	Dragicevic, D; Preda, C	Lyapunov theorems for exponential dichotomies in Hilbert spaces	International Journal of Mathematics, vol.27, Issue: 4, Article Number: 1650033, DOI: 10.1142/S0129167X16500336, ISSN: 0129-167X
13	Dragut, L.; Domik, A.	Land-surface segmentation as a method to create strata for spatial sampling and its potential for digital soil mapping	International Journal of Geographical Information Science, vol.30, Issue: 7, pp.1359-1376, DOI: 10.1080/13658816.2015.1131828, ISSN: 1365-8816
14	Dumbraveanu A.A.	The More, the Better: Life Satisfaction in the Bitter Welfare State	Social Indicators Research, vol.129, Issue:3, pp.1015-1038, DOI: 10.1007/s11205-015-1151-y, ISSN: 0303-8300
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16	Gherasim, L.R., Mairean, C; Rusu, A	Dispositional Optimism and Judgments of Future Life Events: Affective States as Moderators	Journal of Happiness Studies, vol.17 Issue: 3, pp.1015-1031, DOI: 10.1007/s10902-015-9629-5, ISSN: 1389-4978
17	Gravila et al	Study of hard double-parton scattering in four-jet events in pp collisions root s=7 TeV with the ATLAS experiment	Journal of High Energy Physics, Issue: 11, Article Number: 110, DOI: 10.1007/JHEP11(2016)110, ISSN: 1029-8479
18	Gravila et al	Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in root s=8TeV pp collisions with the ATLAS detector	Journal of High Energy Physics, Issue: 11, Article Number: 112, DOI: 10.1007/JHEP11(2016)112, ISSN: 1029-8479
19	Gravila et al	Measurement of top quark pair differential cross sections in the dilepton channel in pp collisions at root s=7 and 8 TeV with ATLAS	Physical Review D, vol. 94, Issue: 9, Article Number: 092003, DOI: 10.1103/PhysRevD.94.092003, ISSN: 2470-0010,
20	Gravila et al	Dark matter interpretations of ATLAS searches for the electroweak production of supersymmetric particles in root s=8 TeV proton-proton collisions	Journal of High Energy Physics, Issue: 9, Article Number:175, DOI: 10.1007/JHEP09(2016)175, ISSN:1029-8479
21	Gravila et al	Searches for heavy diboson resonances in pp collisions at root S=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 9, Article Number: 173, DOI: 10.1007/JHEP09(2016)173, ISSN:1029-8479
22	Gravila et al	Search for top squarks in final states with one isolated lepton, jets, and missing transverse momentum in root s=13 TeV pp collisions with the ATLAS detector	Physical Review D, vol.94, Issue:5, Article Number:05200, DOI: 10.1103/PhysRevD.94.05200, ISSN: 2470-0010
23	Gravila et al	Measurement of jet activity in top quark events using the e mu final state with two b-tagged jets in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 9, Article Number: 074, DOI: 10.1007/JHEP09(2016)074, ISSN: 1029-8479
24	Gravila et al	Measurement of total and differential W plus w- production cross sections in proton-proton collisions at root s=8 TeV with the ATLAS detector and limits on anomalous triple-gauge-boson couplings	Journal of High Energy Physics, Issue: 9, DOI: 10.1007/JHEP09(2016)029, ISSN: 1029-8479
25	Gravila et al	Search for pair production of Higgs bosons in the bbbb final state using proton-proton collisions at root s=13 TeV with the ATLAS detector	Physical Review D, vol. 94, Issue: 5, Article Number: 052002, DOI: 10.1103/PhysRevD.94.052002, ISSN: 2470-0010
26	Gravila et al	Search for resonances in diphoton events at root s=13TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 9, Article Number: 001, DOI: 10.1007/JHEP09(2016)001, ISSN: 1029-8479
27	Gravila et al	Measurement of exclusive gamma gamma -> W+W- production and search for exclusive Higgs boson production in pp collisions at root s=8 TeV using the ATLAS detector	Physical Review D, vol.94, Issue:3, Article Number: 032011, DOI: 10.1103/PhysRevD.94.032011, ISSN: 2470-0010
28	Gravila et al	Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number: 159, DOI: 10.1007/JHEP08(2016)159, ISSN: 1029-8479
29	Gravila et al	Measurement of the CP-violating phase phi(s) and the B-s(0) meson decay width difference with B-s(0) -> J/psi phi decays in ATLAS	Journal of High Energy Physics, Issue: 8, Article Number: 147 DOI: 10.1007/JHEP08(2016)147, ISSN: 1029-8479
30	Gravila et al	Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at root s=13 TeV using the ATLAS detector	Physical Review D, vol. 94, Issue:3, Article Number: 032005, DOI: 10.1103/PhysRevD.94.032005, ISSN: 2470-0010
31	Gravila et al	Measurements of the charge asymmetry in top-quark pair production in the dilepton final state at root s=8 TeV with the ATLAS detector	Physical Review D, vol. 94, Issue:3, Article Number: 032006, DOI: 10.1103/PhysRevD.94.032006, ISSN: 2470-0010
32	Gravila et al	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to WW*-> e nu mu nu with the ATLAS detector at root 2 = 8 TeV	Journal of High Energy Physics, Issue: 8, Article Number:104, DOI: 10.1007/JHEP08(2016)104, ISSN: 1029-8479
33	Gravila et al	Search for pair production of gluinos decaying via stop and sbottom in events with b-jets and large missing transverse momentum in pp collisions at root s=13 TeV with the ATLAS detector	Physical Review D, vol. 94, Issue: 3, Article Number: 032003, DOI:10.1103/PhysRevD.94.032003, ISSN: 2470-0010
34	Gravila et al	Measurement of the double-differential high-mass Drell-Yan cross section in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 8, Article Number: 009, DOI: 10.1007/JHEP08(2016)009, ISSN: 1029-8479
35	Gravila et al	Measurement of the inclusive isolated prompt photon cross section in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 8, pp.1-42, Article Number: 005, DOI: 10.1007/JHEP08(2016)005, ISSN: 1029-8479
36	Gravila et al	Measurements of the Higgs boson production and decay rates and constraints on its couplings from a combined ATLAS and CMS analysis of the LHC pp collision data at root s=7 and 8 TeV	Journal of High Energy Physics, Issue: 8, Article Number: 045, DOI: 10.1007/JHEP08(2016)045, ISSN: 1029-8479
37	Gravila et al	Search for pair production of gluinos decaying via stop and sbottom in events with b-jets and large missing transverse momentum in pp collisions at root s=13 TeV with the ATLAS detector	Physical Review D, vol. 94, Issue:3, Article Number:032003, DOI: 10.1103/PhysRevD.94.032003, ISSN: 2470-0010
38	Gravila et al	Search For Metastable Heavy Charged Particles With Large Ionization Energy Loss In Pp Collisions At Root S=13 Tev Using The ATLAS Experiment	Physical Review D, vol. 93, Issue: 11, Article Number:112015, DOI: 10.1103/Physrevd.93.112015, ISSN: 2470-0010
39	Gravila et al	Identification Of High Transverse Momentum Top Quarks In Pp Collisions At Root S=8 Tev With The ATLAS Detector	Journal of High Energy Physics, Issue: 6, Article Number:093, DOI: 10.1007/JHEP06(2016)093, ISSN: 1029-8479
40	Gravila et al	Measurement of the relative width difference of the B-0-(B)over-bar(0) system with the ATLAS detector	Journal of High Energy Physics, Issue: 6, Article Number: 081 DOI: 10.1007/JHEP06(2016)081, ISSN: 1029-8479
41	Gravila et al	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in root s=8 TeV proton-proton collisions	Journal of High Energy Physics, Issue: 6, Article Number: 067, DOI: 10.1007/JHEP06(2016)067, ISSN: 1029-8479

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42	Gravila et.al	Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 6, Article Number: 059, DOI: 10.1007/JHEP06(2016)059, ISSN: 1029-8479
43	Gravila et.al	Measurements of Z gamma and Z gamma gamma production in pp collisions at root s=8 TeV with the ATLAS detector	Physical Review D, DOI: 10.1103/PhysRevD.93.112002, ISSN: 2470-0010
44	Gravila et.al	The ATLAS Data Acquisition and High Level Trigger system	Journal of Instrumentation, vol. 11, Article Number: P06008, DOI: 10.1088/1748-0221/11/06/P06008, ISSN: 1748-0221
45	Gravila et.al	Measurement of D ⁺ +, D ⁻ +, and D ⁰ +(⁻) meson production cross sections in pp collisions at root s=7 TeV with the ATLAS detector	Nuclear Physics B, vol. 907, pp.717-763, DOI: 10.1016/j.nuclphysb.2016.04.032, ISSN: 0550-3213
46	Gravila et.al	Search for the Standard Model Higgs boson decaying into b(b)over-bar produced in association with top quarks decaying hadronically in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 5, Article Number: 160, DOI: 10.1007/JHEP05(2016)160, ISSN: 1029-8479
47	Gravila et.al	Search for the standard model Higgs boson produced in association with a vector boson and decaying into a tau pair in pp collisions at root s=8 TeV with the ATLAS detector	Physical Review D, Vol. 93, Issue: 9, Article Number: 092005 DOI: 10.1103/PhysRevD.93.092005 ISSN: 2470-0010
48	Gravila et.al	Measurements of W(+/-)Z production cross sections in pp collisions at root s=8 TeV with the ATLAS detector and limits on anomalous gauge boson self-couplings	Physical Review D, vol.93, Issue: 9, Article Number: 092004, DOI: 10.1103/PhysRevD.93.092004 ISSN: 2470-0010
49	Gravila et.al	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period	Journal of Instrumentation, vol.11, Article Number: P05013, DOI: 10.1088/1748-0221/11/05/P05013, ISSN: 1748-0221
50	Gravila et.al	Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks in pp collisions at root s=8 TeV with the ATLAS detector	Physical Review D, vol.93, Issue: 7, Article Number: 072007, DOI: 10.1103/PhysRevD.93.072007, ISSN: 2470-0010
51	Gravila et.al	Search for anomalous couplings in the Wtb vertex from the measurement of double differential angular decay rates of single top quarks produced in the t-channel with the ATLAS detector	Journal of High Energy Physics, Issue: 4 Article Number: 023, DOI: 10.1007/JHEP04(2016)023, ISSN: 1029-8479
52	Gravila et.al	Performance of b-jet identification in the ATLAS experiment	Journal of Instrumentation, vol.11, Article Number: P04008
53	Gravila et.al	Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at root S-NN=2.76 TeV measured with the ATLAS detector	Physical Review C, vol.93, Issue: 3, Article Number: 034914, DOI: 10.1103/PhysRevC.93.034914, ISSN: 2469-9985
54	Gravila et.al	Search for magnetic monopoles and stable particles with high electric charges in 8 TeV pp collisions with the ATLAS detector	Physical Review D, vol. 93, Issue: 5, Article Number: 052009, DOI: 10.1103/PhysRevD.93.052009, ISSN: 2470-0010
55	Gravila et.al	Search for charged Higgs bosons in the H ⁺ +/- -> tb decay channel in pp collisions at root s=8 TeV using the ATLAS detector	Journal of High Energy Physics, Issue: 3, Article Number:127, DOI: 10.1007/JHEP03(2016)127, ISSN: 1029-8479
56	Gravila et.al	Search for new phenomena with photon plus jet events in proton-proton collisions at root s=13 TeV with the ATLAS detector	Journal of High Energy Physics, Issue:3, Article Number: 041, DOI: 10.1007/JHEP03(2016)041, ISSN: 1029-8479
57	Gravila et.al	Search for strong gravity in multijet final states produced in pp collisions at root s=13 TeV using the ATLAS detector at the LHC	Journal of High Energy Physics, Issue:3, Article Number: 026, DOI: 10.1007/JHEP03(2016)026, ISSN: 1029-8479
58	Gravila et.al	Search for the electroweak production of supersymmetric particles in root s=8 TeV pp collisions with the ATLAS detector	Physical Review D, vol.93, Issue:5, Article Number: 052002, DOI: 10.1103/PhysRevD.93.052002, ISSN: 2470-0010
59	Gravila et.al	Measurement of jet charge in dijet events from root s=8 TeV pp collisions with the ATLAS detector	Physical Review D, vol.93, Issue: 5 Article, Number: 052003, DOI: 10.1103/PhysRevD.93.052003, ISSN: 2470-0010
60	Gravila et.al	Measurement of the differential cross-section of highly boosted top quarks as a function of their transverse momentum in root s=8 TeV proton-proton collisions using the ATLAS detector	Physical Review D, vol.93 Issue:3, Article Number: 032009, DOI: 10.1103/PhysRevD.93.032009, ISSN: 2470-0010
61	Gravila et.al	A search for prompt lepton-jets in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 2, Article Number: 062, DOI: 10.1007/JHEP02(2016)062, ISSN: 1029-8479
62	Gravila et.al	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at root s=8 TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 1, Article Number: 172, DOI: 10.1007/JHEP01(2016)172, ISSN: 1029-8479
63	Gravila et.al	Measurement of the correlation between the polar angles of leptons from top quark decays in the helicity basis at root s=7 TeV using the ATLAS detector	Physical Review D, vol. 93, Issue:1, Article Number: 012002, DOI: 10.1103/PhysRevD.93.012002, ISSN: 2470-0010
64	Gravila et.al	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment	Journal of High Energy Physics, Issue: 1, Article Number: 064, DOI: 10.1007/JHEP01(2016)064, ISSN: 1029-8479
65	Gravila et.al	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at root s=8TeV with the ATLAS detector	Journal of High Energy Physics, Issue: 1, Article Number: 032, DOI: 10.1007/JHEP01(2016)032,ISSN:1029-8479
66	Ilescu, S.; Plesu, N.; Ila, G.	Synthetic routes to polyphosphoesters as solid polymer electrolytes for lithium ion batteries	Pure And Applied Chemistry, vol. 88 Issue:10-11, pp. 941-952, DOI: 10.1515/pac-2016-0702, ISSN: 0033-4545
67	Jordaan, J. A.; Dima, B.; Golet, I.	Do societal values influence financial development? New evidence on the effects of post materialism and institutions on stock markets	Journal of Economic Behavior & Organization, vol. 132, pp.197-216, Part: A, DOI: 10.1016/j.jebo.2016.10.007, ISSN: 0167-2681
68	Ledeti, I.; Vlase, C.; Vlase, T.; et al.	Comparative thermal stability of two similar-structure hypolipidemic agents Simvastatin and Lovastatin-kinetic study	Journal of Thermal Analysis and Calorimetry, vol.125, Issue: 2 pp:769-775, DOI: 10.1007/s10973-015-5071-5, ISSN: 1388-6150
69	Ledeti, I.,Ledeti, A.; Vlase, G.; et al.	Thermal stability of synthetic thyroid hormone L-thyroxine and L-thyroxine sodium salt hydrate both pure and in pharmaceutical formulations	Journal of Pharmaceutical and Biomedical Analysis, vol. 125, pp.33-40, DOI: 10.1016/j.jpba.2016.03.026, ISSN: 0731-7085
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72	Marinica, O.; Susan-Resiga, D.; Balanean, F.; et al.	Nano-micro composite magnetic fluids: Magnetic and magnetorheological evaluation for rotating seal and vibration damper applications	Journal of Magnetism And Magnetic Materials, vol. 406, pp.134-143, DOI: 10.1016/j.jmmm.2015.12.095, ISSN: 0304-8853
73	Maroiu, C.; Maricutoiu, L.P.; Sava, F.A.	Explicit self-esteem and contingencies of self-worth: The moderating role of implicit self-esteem	Personality and Individual Differences, vol.99, pp.235-241, DOI: 10.1016/j.paid.2016.05.022, ISSN: 0191-8869
74	Matchescu, A.; Matchescu, Marius L.; Ogorescu, A.S.; et al.	Oral Hygiene Behaviour. Case Study of Primary School Children from Timis County	Revista de Cercetare si Interventie Sociala, vol. 54, pp.142-155, WOS:000385691600010, ISSN: 1583-3410
75	Neclae, A.; Bunoiu, M.; Lungu, A.; et al.	Filtration of flue gas in microfluidic devices using dielectrophoresis	Romanian Journal of Physics vol.61(5-6) pp: 957-969, WOS:000381898000017, ISSN: 1221-146X
76	Neclae, A.; Bunoiu, M.; Lungu, A.; et al.	Filtration of flue gas by retaining of nanoparticle in microfluidic devices using dielectrophoresis	Romanian Reports in Physics, vol. 68(3) pp: 1085-1096, WOS:000383829000015, ISSN: 1221-1451
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78	Parvulescu, L.; Zaharia, C.; Groza, M.I.; et al.	Flash-flood potential: a proxy for crayfish habitat stability	Ecology, vol. 9 Issue: 8, pp. 1507-1516, DOI: 10.1002/eco.1744, ISSN: 1936-0584
79	Pitulescu, L.; Craciun, D.; Vilaseca, E.; et al.	Fractal Dimension of The Trajectory of a Single Particle Diffusing In Crowded Media	Romanian Journal of Physics, vol: 61(7-8) pp:1276-1286, WOS:000385603700013, ISSN: 1221-146X

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80	Preda, C.	A generalisation of a theorem of O. Perron for semilinear evolution equations	Mathematical Proceedings of The Cambridge Philosophical Society, vol.: 160 Issue: 3, pp. 379-399, DOI: 10.1017/S0305004115000717, ISSN: 0305-0041
81	Sărbescu, P.	Driving Anger Scale: How reliable are subscale scores? A bifactor model analysis	Transportation Research Part F-Traffic Psychology And Behaviour, vol. 42 Special Issue: SI, pp. 248-254, Part: 2, DOI: 10.1016/j.trf.2016.02.009, ISSN: 1369-8478
82	Sărbescu P.F.	Driving Anger Scale: How reliable are subscale scores? A bifactor model analysis	Transportation Research Part F-Traffic Psychology and Behaviour, vol. 42, Part 2, pp 248-254, DOI: 10.1016/j.trf.2016.02.009, ISSN: 1369-8478
83	Smith, P.r B.; Vignoles, V. L.; Becker, M.et al.	Individual and culture-level components of survey response styles: A multi-level analysis using cultural models of selfhood	International Journal of Psychology, vol. 51, Issue: 6, pp. 453-463, DOI: 10.1002/ijop.12293, ISSN: 0020-7594
84	Sporea A. C., Vulcanov D.	Using Maple + GRTensorII in teaching basics of General Relativity and Cosmology	Romanian Reports in Physics, vol. 68, No.1, pp. 29-40, WOS:000373247900003, ISSN: 1221-1451
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87	Susan-Resiga D.	Ferrofluid-based magnetorheological fluids: tuning the properties by varying the composition at two hierarchical levels	Rheologica Acta, vol.55 Issue: 7 pp: 581-595, DOI: 10.1007/s00397-016-0931-x, ISSN: 0035-4511
88	Vizman D.	Materials in Extreme Environments for Energy, Accelerators And Space Applications At Eli-Np	Romanian Reports in Physics, vol.68 (Supplement), pp. S275-S347, WOS:000380601700007, ISSN: 1221-1451
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90	Zaharia C.	On some classes of nonlinear contractions in probabilistic metric spaces	Fuzzy Sets and Systems, vol. 300, pp. 84-92, DOI: 10.1016/j.fss.2016.04.005, ISSN: 0165-0114