

Author Index Volume 13 (2013)

The issue number is given in front of the page numbers.

- Ahmar, H., G. Amato, J.V. Kadeisvili, J. Manuel, G. West and O. Zogorodnia, Additional experimental confirmations of Santilli's IsoRedShift and the consequential expected absence of the universe expansion (3,4) 321–357
- Amato, G., see Ahmar, H. (3,4) 321–357
- Animalu, A.O.E., Geno-Bragg's law and $10^* \times 10$ representation of SU(3) symmetry for quasicrystal structures (1,2) 1– 17
- Ares de Parga, G., T.L. Gill and W.W. Zachary, The Thomas program and the canonical proper-time theory (1,2) 117–134
- Beckwith, A., Representing the massive graviton in the metric tensor $g_{u,v}$ (1,2) 19– 22
- Berghoff, M., M. Selzer, A. Choudhury and B. Nestler, Efficient techniques for bridging from atomic to mesoscopic scale in phase-field simulations (5,6) 441–454
- Burinskii, A., Kerr-schild geometry from cosmology to microworld and space-time structure (1,2) 23– 36
- Chang, R.-X., see Lee, C.-C. (5,6) 455–460
- Choudhury, A., see Berghoff, M. (5,6) 441–454
- Davvaz, B., R.M. Santilli and T. Vougiouklis, Multi-valued hypermathematics for characterization of matter and antimatter systems (1,2) 37– 50
- de Haan, V.-O., Possible experiments to test Einstein's Special Relativity Theory (1,2) 51– 57
- Deheri, G.M., R.M. Patel and H.C. Patel, Magnetic fluid based squeeze film between porous rough conical plates (5,6) 419–432
- Dorofeev, D.L., A.E. Popova and S.V. Elfimov, Paramacrosystems with arrangement (5,6) 501–516
- Dureja, H., see Sharma, V. (3,4) 379–392
- Dymnikov, A.D., The matrix theory of mathematical field and the motion of mathematical points in n-dimensional metric space (1,2) 59–109
- Elfimov, S.V., see Dorofeev, D.L. (5,6) 501–516
- Enders, P., Gustav Mie's longitudinal electrical field lines and superluminal signals and longitudinal waves (1,2) 111–116
- Gill, T.L., see Ares de Parga, G. (1,2) 117–134
- Heute, U., see Hossen, A. (3,4) 361–375

- Hossen, A. and U. Heute, A novel extension of the SB-FFT: Sub-segment inverse fast Fourier transform (SS-IFFT) with different applications (3,4) 361–375
- Johansen, S.E., Some ontological aspects of physics for matter and anti-matter (1,2) 135–162
- Kadeisvili, J.V., see Ahmar, H. (3,4) 321–357
- Kafatos, M., see Roy, S. (1,2) 211–233
- Kumar, V., see Sharma, V. (3,4) 379–392
- Lee, C.-C., C.-T. Li and R.-X. Chang, An undetectable on-line password guessing attack on Nam et al.'s three-party key exchange protocol (5,6) 455–460
- Li, C.-T., see Lee, C.-C. (5,6) 455–460
- Lui, S.H., A numerical study of the Dirichlet and Neumann eigenvalue problem of the Laplacian on cusp domains (5,6) 433–437
- Manuel, J., see Ahmar, H. (3,4) 321–357
- Mestechkin, M.M., On diagonal N -representability problem II: Sufficient conditions (3,4) 395–416
- Narlikar, J.V., Redshifts and the hypothesis of variable particle masses (1,2) 163–170
- Nestler, B., see Berghoff, M. (5,6) 441–454
- Nimtz, G., Tunneling confronts special relativity (1,2) 171–176
- Pardy, M., From Fermat principle to the Lobačevskii-Fok space in particle physics (1,2) 177–188
- Patel, H.C., see Deheri, G.M. (5,6) 419–432
- Patel, P.M., see Deheri, G.M. (5,6) 419–432
- Popova, A.E., see Dorofeev, D.L. (5,6) 501–516
- Rowlands, P., The cosmological implications of nonlocal gravity (1,2) 189–210
- Roy, M., see Roy, S. (1,2) 211–233
- Roy, S., M. Roy and M. Kafatos, Dynamic Multiple Scattering, frequency shift and possible effects on quasars astronomy (1,2) 211–233
- Sacerdoti, M., Cern experiments on the anti-hydrogen production and the measure of antimatter gravity acceleration (1,2) 235–243
- Santilli, R.M., see Davvaz, B. (1,2) 37– 50
- Selzer, M., see Berghoff, M. (5,6) 441–454
- Sharma, V., H. Dureja and V. Kumar, Computation of models for prediction of blood brain barrier permeability using molecular descriptors (3,4) 379–392
- Shinohara, K., Maximum drag profiles located in a flow (5,6) 461–497
- Soleymani, F., An efficient twelfth-order iterative method for finding all the solutions of nonlinear equations (3,4) 309–320
- Trell, E., Digital outline of elementary particles via a root space dynkin diagram approach (1,2) 245–270

- Udriște, C., Optimal control on nonholonomic black holes (1,2) 271–278
- Verreault, R., Can gravitation anisotropy be detected by pendulum experiments? (1,2) 279–290
Vougiouklis, T., see Davvaz, B. (1,2) 37– 50
- West, G., see Ahmar, H. (3,4) 321–357
- Whitney, C.K., Reasonable doubt: Cosmology's gift for physics (1,2) 291–302
- Ying, L., Anti-antimatter (1,2) 303–305
- Zachary, W.W., see Ares de Parga, G. (1,2) 117–134
Zogorodnia, O., see Ahmar, H. (3,4) 321–357