

Επιστημονικές Δημοσιεύσεις

- 1.** Ch. K. Volos, J.O. Maaita, S. Vaidyanathan, V-T. Pham, I.N. Stouboulos, and I.M Kyprianidis (2017), *A Novel 4-D Hyperchaotic Four-Wing System with a Saddle-Focus Equilibrium*, IEEE Transactions on Circuits and Systems II: Express Briefs,64.3: 339-343.
- 2.** Maaita J.O. (2016), *Theorem on the bifurcations of the Slow Invariant Manifold of a system of two linear oscillators coupled to a k-order nonlinear oscillator*, Journal of Applied Nonlinear Dynamics, vol.5, Issue 2, pp193-197.
- 3.** Ch.K. Volos, S. Vaidyanathan, V.-T. Pham, J.O. Maaita, A. Giakoumis, I.M. Kyprianidis, and I.N. Stouboulos (2016), *A Novel Design Approach of a Nonlinear Resistor Based on a Memristor Emulator*, Advances in Chaos Theory and Intelligent Control, Studies in Fuzziness and Soft Computing, Springer-Verlag, Germany, 3-34.
- 4.** Maaita J.O., Volos Ch. K., Kyprianidis I. M., and Stouboulos I. N.(2015), *The Dynamics of a Cubic Nonlinear System with No Equilibrium Point*, Journal of Nonlinear Dynamics, vol. 2015, Article ID 257923, 13 pages.
- 5.** Maaita J.O., Meletlidou E. (2014), *The Effect of Slow Invariant Manifold and Slow Flow Dynamics on the Energy Transfer and Dissipation of a Singular Damped System with an Essential Nonlinear Attachment*, Journal of Nonlinear Dynamics, Volume 2014, Article ID 208171, 10 pages.
- 6.** Maaita J.O., Meletlidou E., Vakakis A.F., Rothos V. (2014), *The Dynamics of the Slow Flow of a Singular Damped Nonlinear System and Its Parametric Study*, Journal of Applied nonlinear dynamics, 3(1):37-49.
- 7.** Maaita J.O., Meletlidou E. (2013), *Analytical homoclinic solution of a two dimensional nonlinear system of differential equations*, Journal of Nonlinear Dynamics, Volume 2013, Article ID 879040, 4 pages
- 8.** Maaita J.O., Kyprianidis I. M., Volos Ch. K., Meletlidou E. (2013), *The Study of a Nonlinear Duffing – Type Oscillator Driven by Two Voltage Sources*, Journal of Engineering Science and Technology Review, 6(4):74-80.

- 9.** Maaita J.O., Meletlidou E., Vakakis A.F., Rothos V. (2013), *The Effect of Slow Flow Dynamics on the Oscillations of a Singular Damped System with an Essentially Nonlinear Attachment*, Journal of Applied Nonlinear Dynamics, 2(4):315-328.
 - 10.** Maaita J.O., Tsaklidis G., Meletlidou E. (2013), *The Homogeneous Markov System (HMS) as an Elastic Medium. The Three-Dimensional Case*, Communication in Statistics- Theory and Methods, 42(16):2259.
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