PRODUCCIÓN CIENTÍFICA DEL INSTITUTO DE INVESTIGACIONES
EN MATEMÁTICAS APLICADAS Y EN SISTEMAS

ARTÍCULOS EN REVISTAS ARBITRADAS 2014

1. *Vázquez, E. and* ***Álvarez, R.*** A remote sensing characterization of the effects of anastrepha striata & anastrepha ludens on guava cultures in Mexico. *Journal of Agricultural Science and Technology A*. 2014, Vol. 4, No. 8, p. 663-678.

2. ***Aguilar, W., Santamaría, G., Froese, T.*** *and* ***Gershenson, C.*** The past, present, and future of artificial life. *Frontiers in Robotics and AI.* 2014, Vol. 1, Art. No. 8, p. 1-15.

3. ***Berlanga, R.*** *and Romero, M.A.* Small perturbations and infinitesimal deformations on surfaces of revolution. *International Journal of Pure and Applied Mathematics*. 2014, Vol. 95, No. 2, p. 167-180.

4. ***Bladt, M.*** *and Søresen, M.* Simple simulation of diffusion bridges with application to likelihood inference for diffusions. *Bernoulli*. 2014, Vol. 20, No. 2, p. 645-675.

5. *Lemus, E.,* ***Bribiesca, E.*** *and* ***Garduño, E.*** Representation of enclosing surfaces from simple voxelized objects by means of a chain code. *Pattern Recognition: The Journal of the Pattern Recognition Society.* 2014, Vol. 47, No. 4, p. 1721-1730.

6. ***Bribiesca, E.*** *and Bribiesca, G.* 2D tree object representation via the slope chain code. *Pattern Recognition: The Journal of the Pattern Recognition Society.* 2014, Vol. 47, No. 10, p. 3242-3253.

7. *Pérez, J.L., Yáñez, O.,* ***Bribiesca, E.,*** *Arámbula, F., Jiménez, J.R. and Medina, V.* Description and classification of normal and pathological aging processes based on brain magnetic resonance imaging morphology measures. *Journal of Medical Imaging.* 2014, Vol. 1, No. 3, p. 340021-340027.

8. ***Calleja, R.C.,*** *Calletti, A., Falcolini, C. and De la LLave, R.* An extension of greene's criterion for conformally symplectic systems and a partial justification. *SIAM Journal on Mathematical Analysis.* 2014, Vol. 46, No. 4, p. 2350-2384.

9. ***Castaños, L.O.*** *and* ***Weder, R.*** Classical dynamics of a thin moving mirror interacting with a laser. *Physical Review A.* 2014, Vol. 89, No. 6, Art. No. 063807.

10. *Nieto, L.E. and* ***Contreras, A.*** A Bayesian nonparametric approach for time series clustering. *Bayesian Analysis*. 2014, Vol. 9, No. 1, p. 147-170.