



## Universidad Autónoma de San Luis Potosí Facultad de economía de la Uaslp

### Publicaciones relevantes

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- “A note on a class of solutions for games with externalities generalizing the Shapley value”, (2014). To appear in **International Game Theory Review**.
- “Application of the representations of symmetric groups to characterize solutions of games in partition function form”, (2014). **Operations Research and Decisions**. 24(2), 97-122.
- “A cost sharing mechanism for job scheduling problems”, (2014). **Modeling, Optimization, Dynamics and Bioeconomy**. Springer-Verlag Proceedings in Mathematics & Statistics, D. Zilberman and A. Pinto, eds. 601-611.
- “Efficiency, egalitarianism, stability and social welfare in infinite dimensional economies”, (2014). **Ensayos: Revista de Economía**, Facultad de Economía, UANL, 33(1), 1-26. Joint work with E. Accinelli-Gamba and L. Plata-Pérez. Con distinción de **Ganador de VII Premio de Investigación de Ensayos Revista de Economía**.
- "A decomposition for the space of games with externalities", (2014). Submitted to **International Journal of Game Theory**.
- “An elementary characterization of the Gini index”, (2014). Joint work with L. Plata-Pérez and F. Sánchez-Sánchez. Submitted to **Mathematical Social Sciences**.
- “Characterization of linear symmetric solutions for allocation problems”, (2014). Joint work with E. Accinelli-Gamba and L. Plata-Pérez. Submitted to **Journal of Mathematical Economics**.

- “A decomposition of the Atkinson index through the Shapley value”, (2012). **Theoretical Economics Letters**. 2(5), 539-544. Joint work with V. Rosas-Martínez.
- “A payoff system for job scheduling problems”, (2011). **Applied Mathematical Sciences**, 5(19), 911-920.
- “Convexity and marginal contributions in bankruptcy games”, (2011). **EconoQuantum**, 8(1), 61-72. Joint work with L. Plata-Pérez.
- “Cooperative Games with Minimum Payoffs”, (2011). **Applied Mathematical Sciences**, 5(26), 1271-1286. Joint work with L. Hernández-Lamonedá and F. Sánchez-Sánchez.
- “The class of efficient linear symmetric values for games in partition function form”, (2010). **International Game Theory Review**, 11(3), 369-382. Joint work with L. Hernández-Lamonedá and F. Sánchez-Sánchez.
- “Characterization of the Banzhaf Value using a Consistency Axiom”, (2010). **CUBO, A Mathematical Journal**, 12(1), 01-06.