

Publicaciones recientes fruto de las tesis doctorales defendidas en esta línea

Estrella Rodríguez-Lorenzo, Kira Adaricheva, Pablo Cordero, Manuel Enciso, y Angel Mora. Formation of the $\mathcal{D}$ -Basis from implicational system using Simplification Logic. International Journal of General Systems, 2017.

<https://doi.org/10.1080/03081079.2017.1349632>

Estrella Rodríguez-Lorenzo, Pablo Cordero, Manuel Enciso, Rokia Missaoui, y Angel Mora. An axiomatic System for Conditional Attribute Implications in Triadic Concept Analysis. International Journal of Intelligent Systems, DOI 10.1002/int.21888, 2017. <https://doi.org/10.1002/int.21888>

Estrella Rodríguez-Lorenzo, Pablo Cordero, Manuel Enciso, y Angel Mora. Canonical dichotomous direct bases. Information Sciences, 376, pp. 39–53, 2017. <https://doi.org/10.1016/j.ins.2016.10.00>

M. Gómez-Extremera, P. Carpena, P. Ch. Ivanov and P. Bernaola-Galván. Magnitude and Sign of long-range fractal correlated-time series. Decomposition and surrogate signal generation. Physical Review E, 93(4), 042201, 2016.

<https://doi.org/10.1103/PhysRevE.93.042201>

Carpena, P., Gómez-Extremera, M., Carretero-Campos, C., Bernaola-Galván, P., & Coronado, A. V. (2017). Spurious Results of Fluctuation Analysis Techniques in Magnitude and Sign Correlations. Entropy, 19(6), 261.

<https://doi.org/10.3390/e19060261>

Pedro A. Bernaola-Galván, Manuel Gómez-Extremera, A. Ramón Romance, and Pedro Carpena. Correlations in magnitude series to assess nonlinearities: Application to multifractal models and heartbeat fluctuations. Phys. Rev. E 96, 032218, 2017. <https://doi.org/10.48550/arXiv.1705.10995>

J. M. Rodríguez-Jiménez, P. Cordero, M. Enciso, y S. Rudolph. Concept lattices with negative information: A characterization theorem. Information Sciences, 369, pp. 51–62, 2016. <https://doi.org/10.1016/j.ins.2016.06.015>

J. M. Rodríguez-Jiménez, P. Cordero, M. Enciso, y A. Mora. Data mining algorithms to compute mixed concepts with negative attributes: an application to breast cancer data analysis. Mathematical Methods in the Applied Sciences, 39 (16), pp. 4829–4845, 2016. <https://doi.org/10.1002/mma.3814>

Peñas-Cabrera, Inmaculada de las; Cordero-Ortega, Pablo José; García-Pardo, Francisca; Ojeda-Aciego, Manuel; De Baets, Bernard. Galois connections between a fuzzy preordered structure and a general fuzzy structure. IEEE Transactions on Fuzzy Systems, 26(3), 1274 - 1287 (2018).

<https://doi.org/10.1109/TFUZZ.2017.2718495>

Peñas-Cabrera, Inmaculada de las; Cordero-Ortega, Pablo José; García-Pardo, Francisca; Ojeda-Aciego, Manuel; De Baets, Bernard. On the construction of adjunctions between a fuzzy preposet and an unstructured set. Fuzzy Sets and Systems. 320: 81-92 (2017). <https://doi.org/10.1016/j.fss.2016.09.013>

García-Pardo, Francisca; Peñas-Cabrera, Inmaculada de Las; Cordero-Ortega, Pablo José; Ojeda-Aciego, Manuel. On closure systems and adjunctions between fuzzy preordered sets. Lecture Notes In Computer Science. 9113: 114-127 (2015). <https://doi.org/10.1007/978-3-319-19545-2-7>

García-Pardo, Francisca; Peñas-Cabrera, Inmaculada de las; Cordero-Ortega, Pablo José; Ojeda-Aciego, Manuel; Rodríguez-Sanchez, Francisco Joaquín. On the definition of suitable orderings to generate adjunctions over an unstructured codomain. Information Sciences. 286: 173-187, (2014).
<https://doi.org/10.1016/j.ins.2014.07.006>

García-Pardo, Francisca; Peñas-Cabrera, Inmaculada de las; Cordero-Ortega, Pablo José; Ojeda-Aciego, Manuel. 2013. On Galois Connections and Soft Computing. Lectures Notes in Computer Science. 7903: 224-235.
https://doi.org/10.1007/978-3-642-38682-4_26