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Biographical Info

PhD. Physics, Universidad Nacional de Educación a Distancia, Spain.

Research Interests

Nonequilibrium Statistical Mechanics.

Coarse-Graining.

Molecular Dynamics.

Relevant/Recent Publications

Approximating the entire spectrum of nonequilibrium steady-state distributions using relative entropy: An application to thermal conduction, P. Patra, M. Meléndez, and B. Bhattacharya, Phys. Rev. E 92, 023304, (2015). [\[URL\]](#)

Gibbs-Jaynes Entropy Versus Relative Entropy, M. Meléndez, P. Español, Journal of Statistical Physics, Volume 155, Issue 1, pp 93-105, (2014). [\[URL\]](#)

Comment on "Logarithmic Oscillators: Ideal Hamiltonian Thermostats", Phys. Rev. Lett. 110, 028901, (2013). [\[URL\]](#)

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