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# Some Proofs on Statistical Magnitudes for Continuous Phenomena

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In this work, the proofs concerning the continuity of the disequilibrium, Shannon information and statistical complexity in the space of distributions are presented. Also, some results on the existence of Shannon information for continuous systems are given.

Comments: 4 pages, 0 figures

Subjects: Adaptation and Self-Organizing Systems (nlin.AO); Statistics

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