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Progress in Physics

THE JOURNAL OF CHEMICAL PHYSICS 139, 121923 (2013) Statistical physics of self-replication Jeremy L. England Department of Physics, Massachusetts Institute of Technology, Building 6C, 77 Massachusetts Avenue,

Statistical physics of self-replication - England Group

In statistical mechanics, entropy is an extensive property of a thermodynamic system. It is closely related to the number Ω of microscopic configurations (known as microstates) that are consistent with the macroscopic quantities that characterize the system (such as its volume, pressure and temperature). Under the assumption that each microstate is equally probable, the entropy is the natural ...

Entropy - Wikipedia

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Non-equilibrium thermodynamics - Wikipedia

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Holism and Nonseparability in Physics (Stanford

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