

with the outside?
Grand Canonical

[PHY311] Which of the following ensembles involves exchange of energy as well as with the outside?
Micro canonical Ensemble

[PHY311] The theories statistical mechanics and classical thermodynamics are both governed by _____
Second law of thermodynamics through the medium of entropy

[PHY311] _____ describes a completely isolated system, having constant energy as it does not exchange energy or mass with the rest of the universe
Micro canonical Ensemble

[PHY311] The modern formulation of statistical mechanics is based on the description of the physical system by _____ that represents all possible configurations of the system and the probability of realizing each configuration.
Canonical Community

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Canonical Community

[PHY311] The two central quantities in statistical thermodynamics are _____
Boltzmann factor and the partition function

[PHY311] The two central quantities in statistical thermodynamics are _____
Statistical mechanics

[PHY311] _____ describes a system in thermal equilibrium with its environment
Canonical Community

[PHY311] _____ describes a system in thermal equilibrium with its environment
Canonical Community

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