

**Thermodynamics & Statistical Physics (I)**

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- Introduction subjects, The thermodynamic limit, The ideal gas, Combinatorial problems, Heat, A definition of heat, Heat capacity, Probability, Discrete probability distributions, Continuous probability distributions, Linear transformation, Linear transformation, and the variance, Binomial distribution, Temperature, and the Boltzmann factor, Thermal equilibrium, The microstates and macrostates, A statistical definition of temperature, Canonical ensemble, The first law, Energy, Isothermal and ad
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