

An Introduction to the Theory of the Boltzman Equation

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1 Chapter 1. Statistical Mechanical Preliminaries

1.1 Problem 1-1

The canonical distribution function of equilibrium statistical mechanics is $F_N = A \cdot e^{-\beta H}$, where A and β are constants and H is the Hamiltonian of the system being described. Determine the constants A in terms of β and H .

I don't know!!!