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Statistical Mechanics - UCLA

We give some schematic solutions of exercises from chapters 1 to 10 of "Introduction to Statistical

Physics", by Silvio R. A. Salinas, first published by Springer, New York, in 2001. We also add a number of corrections and some new exercises. Additional corrections and suggestions are warmly welcomed. Silvio Salinas

Solutions Manual for Introduction to Statistical Physics (draft)

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Statistical Mechanics - Oberlin College and Conservatory

Pathria & Beale: Statistical Mechanics. Solution: Pathria 4.4: The probability that a system in the grand canonical ensemble has exactly N particles is given by Verify this statement and show that in the case of a classical, ideal gas the distribution of particles among the members of a grand canonical ensemble is identically a Poisson distribution.

Pathria & Beale: Statistical Mechanics | Ben Levy

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Study of a 2D charged particle confined by a magnetic and AB flux fields under the radial scalar power potential - SpringerLink

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