

CHAPTER OVERVIEW

8: Boltzmann's and Saha's Equations

Topic hierarchy

- 8.1: Introduction
- 8.2: Stirling's Approximation. Lagrangian Multipliers.
- 8.3: Some Thermodynamics and Statistical Mechanics
- 8.4: Boltzmann's Equation
- 8.5: Some Comments on Partition Functions
- 8.6: Saha's Equation
- 8.7: The Negative Hydrogen Ion
- 8.8: Autoionization and Dielectronic Recombination
- 8.9: Molecular Equilibrium
- 8.10: Thermodynamic Equilibrium

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