

CONTENTS

	PAGES
1. Introduction	1
2. Physical Quantities, phase functions and micro-canonical mean values	3
3. Maxwell-Boltzmann, Bose-Einstein and Fermi-Dirac Statistics : Structure functions	6
4. Summatory Quantities and the leading role of occupation numbers of the system	12
5. Expression of mean values of the numbers a_r by structure function	18
6. Probability Expressions for the Structure Function	24
7. Remarks on Central Limit Theorem of the Probability Theory	29
8. Mean Values of the Numbers a_r and Summatory Quantities	34
9. Dispersions of Summatory Quantities	39
10. Statistics of Photons	44
11. Reduction to one-dimensional Problem in the case of Maxwell-Boltzmann statistics	48
12. Systems Consisting of Particles of Several Different Types	50
13. Thermostatic System and Gibbs or Canonical mean values	56
References	64