THERMODYNAMICS AND STATISTICAL PHYSICS


2. Infinitesimal changes. Full and not full derivatives. Quasistatic work.


7. Chemical potential in thermodynamics.


14. Fermi-Dirac and Bose-Einstein statistics.

15. Combinatorial derivation of the distributions.

16. Classical limit and quantum corrections to the distributions.

17. Electron statistics in metals. Fermi energy and thermodynamics of electrons at low temperature.

18. Paramagnetic systems.


**TEXTS:**


By George Zaslavsky