

Virial Expansions for Correlation Functions in Canonical Ensemble

The infinite set of coupled integral nonlinear equations for correlation functions in the case of classical canonical ensemble is considered.

Some kind of graph expansions of correlation functions in the density parameter are constructed. Existing of unique solutions for small value of density and high temperature is discussed.

Primary author: REBENKO, Oleksii

Presenter: REBENKO, Oleksii

Session Classification: MATHEMATICS

Track Classification: MATHEMATICS