

SPATIAL DISTRIBUTION OF COMPONENTS
OF A BINARY MIXTURE IN A BOUNDED SYSTEM

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S u m m a r y

In the lattice model of a liquid, we have calculated the spatial distribution of the concentrations of components of a binary mixture with the use of the expansion of the potential of an external field in a Taylor functional series, which is reduced to a series in direct correlation functions of all orders. As an example, a plane-parallel pore with the exponential near-wall potential is considered.