

PAIR CORRELATION FUNCTIONS
AND CRITICAL PARAMETERS
OF FINITE-SIZE MULTICOMPONENT
LIQUID SYSTEM

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S u m m a r y

We consider pair correlations in a liquid multicomponent finite-size system with the geometry of a plane-parallel layer. For this system, we find the general expressions for the pair correlation functions of density fluctuations. We also investigate the influence of a space limitation on the correlative behavior of the system at the critical region. The results are compared with those that exist for binary and pure liquids, and their applicability is briefly discussed.