

CALCULATIONS OF THE CRITICAL INDICES
FOR THREE-DIMENSIONAL SYSTEMS
BY THE PERTURBATION METHOD

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S u m m a r y

A new method for the calculation of critical indices near the critical point (CP) has been proposed. The method is based on the insertion of small parameters into the equations of the fluctuation theory of phase transitions. The values obtained by this method for the critical indices of a three-dimensional system are confirmed experimentally, being closest to the results calculated in the framework of the Ising model.