QUASIAVERAGES AND CLASSIFICATION OF EQUILIBRIUM STATES OF MAGNETIC CONDENSED MATTER

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S u m m a r y

A classification of equilibrium states of the magnetic condensed matter is carried out on the basis of the conception of quasiaverages. The conditions for residual symmetry and spatial symmetry for equilibrium states of such condensed matter are formulated. The connection of these conditions with para-, ferro, antiferro, ferri-, and spiral magnetic states in the case of the continuous nature of a broken symmetry of equilibrium states is established.