

A new mechanism of “anomalies” of phenomena related to atomic displacements in nanomaterials.
/ A. Gerasimov, G. Chiradze, M. Vepkhvadze, T. Ratiani. / Nano Studies. – 2015. – # 11. – pp. 163-172. – eng.

It is shown that essentially the change of properties of nanomaterials depending on the nanoparticles size is associated with changing in the location of atoms, which from the standpoint of the molecular-kinetic theory are considered as anomalies, turn into normal when applying a new mechanism of changing the location of atoms in condensed matter, i.e. molecular-potential theory. Fig. 10, Tab. 1, Ref. 39.

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