

What are the guiding principles of nanotechnology?

1. The properties of nanophase materials are governed by the surface atoms.
 2. The equilibrium amongst the nanoparticles as well as with the surrounding matrix is governed by the short range forces like hydrogen bonding, dipole-dipole interactions, van der Waals forces , hydrophobe -hydrophile balance
 3. Nature of assembly of nano-particles greatly influences the characteristics of the system.
 4. Gravitation has insignificant influence on the phenomena at nanosize.
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