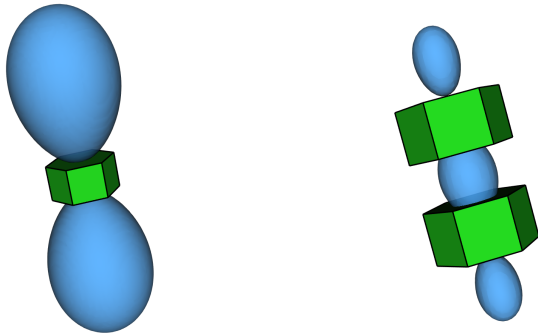


Jan. 19, 2022

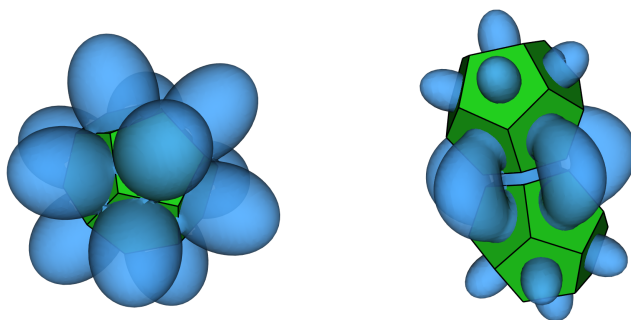
Contact: Katherine McAlpine, kmca@umich.edu

Captions: Nanotechnology: new theory describes how entropy assembles nanoparticle crystals



 Prism6_orbital1.png |  Prism6_binary.png

The density of the pseudoparticles around nanoparticle shapes resembles the electron density in the electron orbitals of atoms. This new way of understanding how entropy creates attractive forces between nanoparticles could accelerate the development of nanomaterials with designed properties. Credit: Thi Vo, Glotzer Group, University of Michigan



 Dodecahedron_orbital1.png |  Dodecahedron_binary.png

[More "shape orbital" images](#)