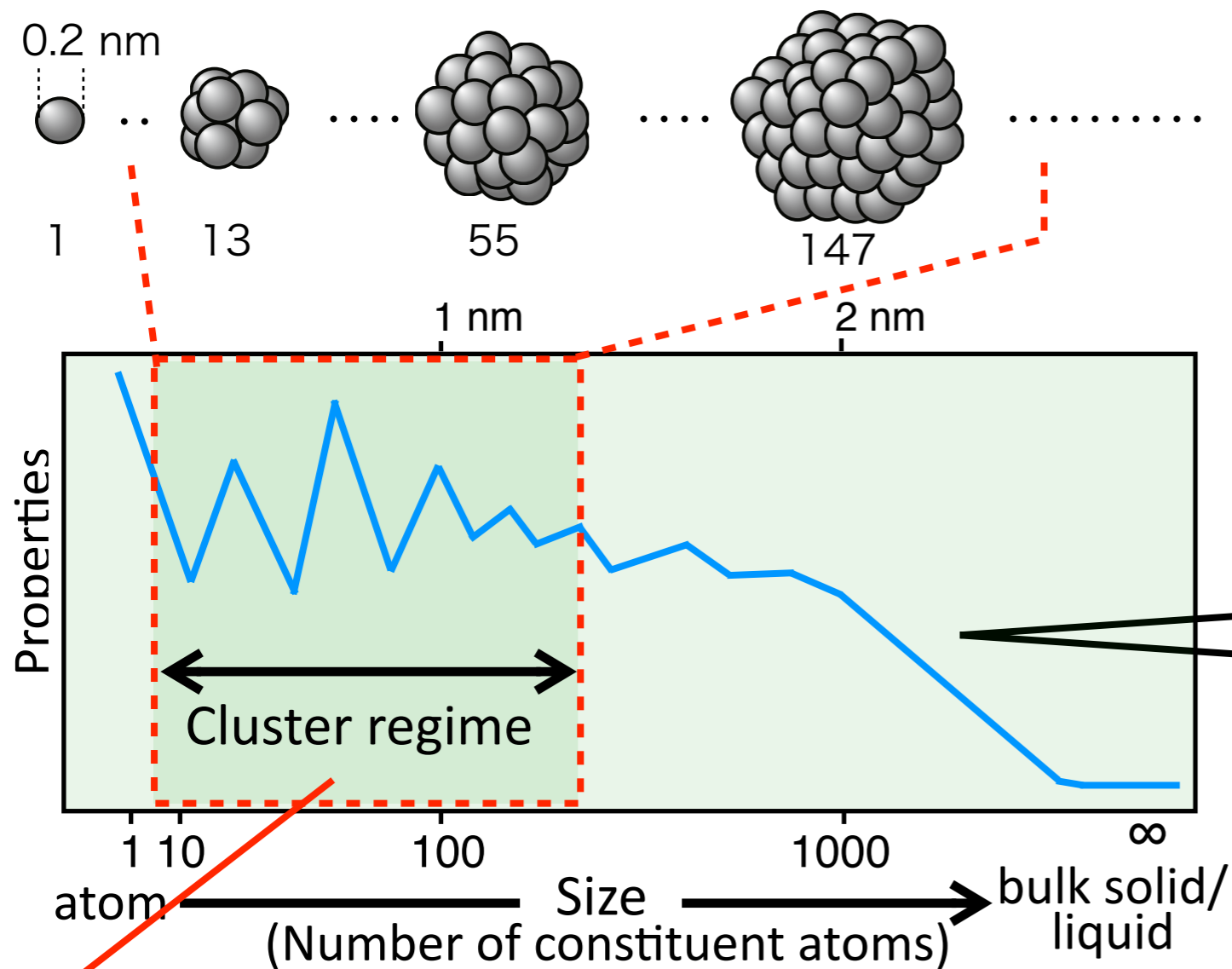
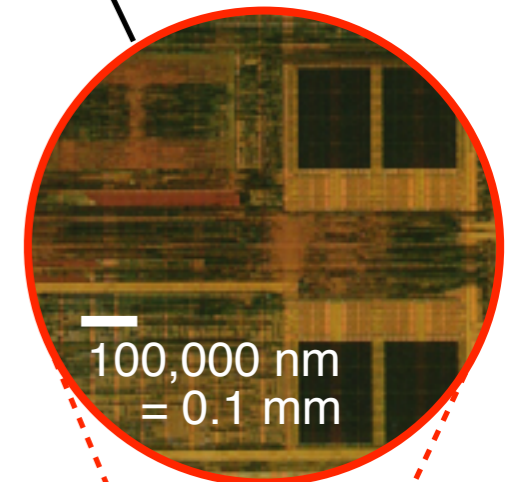


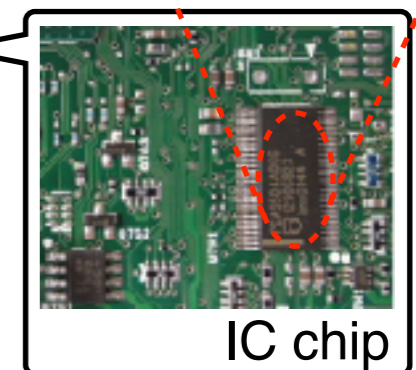
Cluster: a small aggregate of atoms and molecules



It's small but consist of uncountably many atoms



inside of IC



The properties change irregularly in a nonscalable manner with the size: resources of new materials.