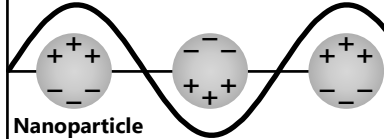


a)

 $E(t)$ t

Nanoparticle



b)

 $E(t)$ 