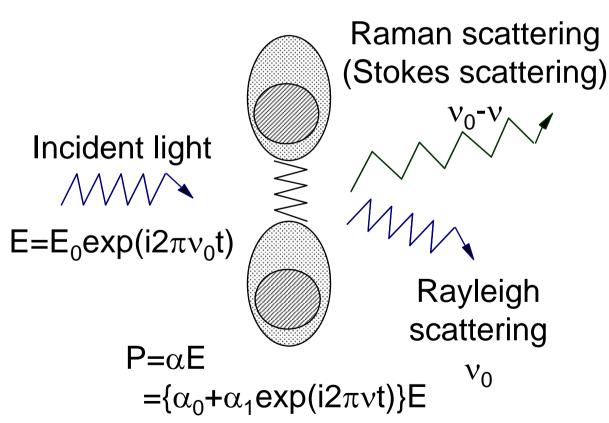
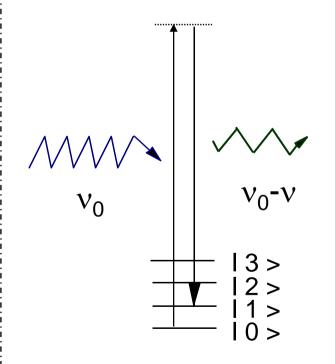
## Raman effect

Raman scattering is the inelastic scattering of light.

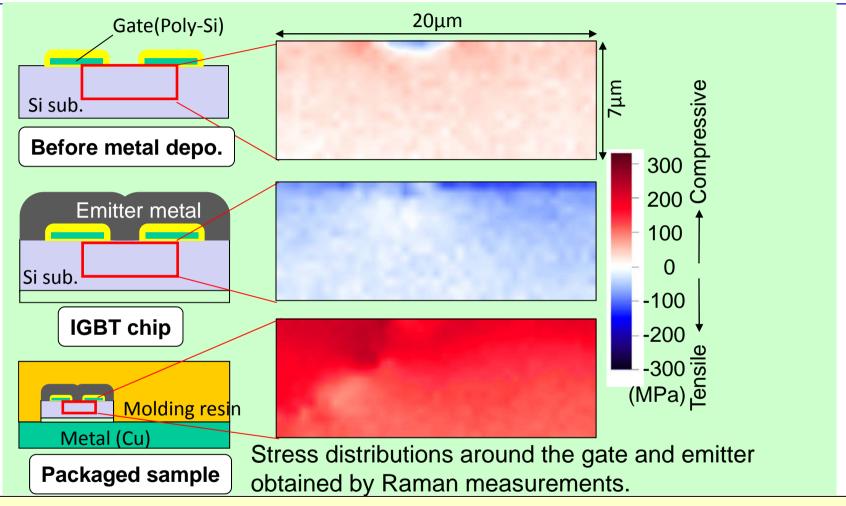
## Classical dynamics



## Quantum theory



## Stress caused by packaging process



- Packaging process makes large compressive stress in the chip.
- •Raman spectroscopy is one of the powerful tools for stress in packaging.