

Photoemission studies of si quantum dots with ge core: dots formation, intermixing at si-clad/ge-core interface and quantum confinement effect

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=119165&lokasi=lokal>

Abstrak

Spherical si nanocrystallites with ge core (-20- nm in average dot diameter) have been prepared by controlling selective growth conditions of low-pressure chemical vapor deposition (LPCVD) on ultrathin SiO₂ using alternately pure SiH₄ and 5% GeH₄ diluted with He....