

coherent scattering

Also contains definition of: incoherent scattering

Scattering is coherent whenever the phases of the signals arising from different scattering centres are correlated and incoherent whenever these phases are uncorrelated.

Source:

PAC, 1983, 55, 931 (*Definitions, terminology and symbols in colloid and surface chemistry. Part 1.14: Light scattering (Provisional)*) on page 932