

QNE leading to Photonic Band Gap situation in illuminated Tutton salt crystals.

J.L.Pandey¹, S.D.Pandey² and K.M.K.Srivatsa³

ABSTRACT

This article emphasizes the role of quantum nuclear effect (QNE) in explaining the characteristics of a hydrogen bonded system. It further puts forward how an illuminated low symmetry hydrated crystal could be effective as photonic band gap material.

Keywords : low symmetry hydrated crystal, photonic band gap material