



ID de Contribution: 38

Type: Non spécifié

Photodisintegration of three bosons at threshold

vendredi 14 octobre 2011 09:00 (40 minutes)

Photodisintegration is one of the basic tools through which we can study a microscopic system. In this work we have investigated the response of a trimer composed of 3 identical bosons to a photon like probe. In particular we have studied the quadrupole response of a shallow bosonic trimer, which in the long wavelength approximation is the leading contribution to the reaction cross-section.

Author: Prof. BARNEA, Nir (Racah Institute of Physics, Jerusalem, Israel)

Orateur: Prof. BARNEA, Nir (Racah Institute of Physics, Jerusalem, Israel)