

“One-particle motion in nuclear many-body problem”

浜本 育子 氏 (ルンド大学)

Prof. Ikuko Hamamoto (Lund University)

講義内容

In this second lectures, V.2, first, the effective one-particle operators with $e_{\text{eff}}(E \lambda)$ and $g^{\text{eff}}(M \lambda)$ of electromagnetic transitions in the spherical case are reviewed. Then, the energies and electromagnetic moments in the laboratory system are examined, when the shape in the body-fixed system is deformed.

The list of the contents :

6. Energy and electromagnetic observables of one-particle configurations
 - 6.1. Spherical case - effective (E2, M1, E1) one-particle operators
 - 6.2. From Y20 deformed intrinsic system to laboratory system
 - 6.3. Energies with Y20 deformed intrinsic shape
 - 6.4. Electromagnetic (M1, E2, E1) properties of the system with Y20 deformed intrinsic shape

2008年2月27日(水) 1コマ目 : 13:30~15:00

休憩

2コマ目 : 15:30~17:00

会場 : 仁科ホール、理研

This Lecture will be given in Japanese.

Contact:

RIBF Nuclear Physics Seminar Organizer

npsoc@ribf.riken.jp

<http://ribf.riken.jp/~seminar>