

Wobbling motion in the even-even nuclei

Contenu

The wobbling mode generally appears in the asymmetric top [1]. It is a clear evidence that the three moments of inertia are different. Transverse wobbling (TW) is a novel version thereof unique to triaxial nuclei [2]. It originates from the presence of large quasiparticle angular momentum. Most of TW bands are found in odd-mass nuclei. In this talk, I will introduce the TW in the even-even nucleus ^{130}Ba [3], and compare it with those in the odd-mass nuclei.

References

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Auteur principal: CHEN, Qibo (Peking University)

Orateur: CHEN, Qibo (Peking University)

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