

LXXII International conference "Nucleus-2022: Fundamental problems and applications"

Contribution ID: 258

Type: Oral talk (15 min + 5 min questions)

ROTATIONAL SPECTRA OF EVEN-EVEN ACTINIDE AND RARE-EARTH NUCLEI

Friday, 15 July 2022 12:30 (20 minutes)

An approach based on the idea that the spinning nucleus being stretched out along the symmetry axis under the influence of some sort of centrifugal force has been proposed. Our approach led to the modified formula to describe the dependence of the moment of inertia on the angular momentum.

The speaker is a student or young scientist

Yes

Section

1. Nuclear structure: theory and experiment

Primary author: OKHUNOV, Abdurahim (International Islamic University Malaysia)

Presenter: OKHUNOV, Abdurahim (International Islamic University Malaysia)

Session Classification: Nuclear structure: theory and experiment