

ABOUT COLLECTIVE STATES FOR
EVEN-EVEN NUCLEI WITH QUADRUPOLE
AND OCTUPOLE DEFORMATIONS

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S u m m a r y

The simple analytic expressions for the energy of even and odd rotational-vibrational levels in deformable even-even nuclei with quadrupole and octupole deformations have been obtained. The calculated level energy values including levels with high spins are in good agreement with experimental data.