

REDUCED PROBABILITIES OF $E2$ TRANSITIONS
AND QUADRUPOLEAR MOMENTS OF THE
EXCITED STATES OF DEFORMABLE NONAXIAL
EVEN-EVEN NUCLEI

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S u m m a r y

The rotation-vibration excited states of deformable nonaxial even-even nuclei are investigated. The ratios of reduced probabilities of $E2$ transitions and quadrupolar moments of the excited states of deformable nonaxial even-even nuclei ^{104}Ru , ^{166}Er , and ^{238}U are calculated including the high-spin states.