

# New results concerning the wobbling properties of $^{183,187}\text{Au}$

Robert Poenaru

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## 1 Introduction

Two wobbling sequences have been identified in  $^{183}\text{Au}$  by Nandi et. al. [1]. One sequence has two bands with states of negative parity (built on top of the odd  $h_{9/2}$  proton) and two bands with states of positive parity (built on top of the odd  $i_{13/2}$  proton).

## References

- [1] S Nandi, G Mukherjee, QB Chen, S Frauendorf, R Banik, Soumik Bhattacharya, Shabir Dar, S Bhattacharyya, C Bhattacharya, S Chatterjee, and et al. First observation of multiple transverse wobbling bands of different kinds in au 183. *Physical Review Letters*, 125(13):132501, 2020.