

## Review Form 1.6

Journal Name:	<a href="#">Asian Journal of Research and Reviews in Physics</a>
Manuscript Number:	Ms_AJR2P_85626
Title of the Manuscript:	An Application of Interacting Boson Model (IBM-2) Configuration Mixing in Tin nuclei
Type of the Article	

### General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajr2p.com/index.php/AJR2P/editorial-policy> )

### PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>Compulsory</b> REVISION comments	NIL	
<b>Minor</b> REVISION comments	i) Page 1, section 1, line 16, ".....by Wenes <i>et al.</i> , as....." please add reference no. [5]. ii) Table 4, column 4, row 2, pls. correct Exp. as Exp. [14]. row 3, pls. add the experimental value obtained. iii) Table 4, column 2, row 6, please make -0.17(4) as center adjusted. iv) Table 4, column 4, row 6, please make -0.05(14) as center adjusted.	<b>All Notes are completed</b> <b>Thank you very much</b>
<b>Optional/General</b> comments	In this study, the normal and intruder 2p-2h bands in even-even tin isotopes are investigated using IBM-2 configuration mixing calculations. The normal and intruder bands' states have been estimated independently and then allowed to mix using a basic band-mixing Hamiltonian. The experimental data of current and previous investigations for energy levels and electronic transition probability is compared.	<b>All Notes are completed</b> <b>Thank you very much</b>

### PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	