

**Title:**

Effect of gamma radiation in undoped SnO<sub>2</sub> thin films

**Comments**

With respect to the results and conclusion reported, I would like to comment about some parts of the manuscript:

- 1) Head line in manuscript should be different in size with subline like (2. Experimental procedure)
- 2) Spray pyrolysis is a physical method not chemical deposition method which author mentioned in part 2.1.
- 3) Author should be write manuscript completely when author has submitted manuscript in the journal, Such as **XRD graph** which author did not put in manuscript in part 3.1, and some part also not clear like (data not shown) which have written in part 3.1 line 6. ( Author should put and XRD graph and explain on it)
- 4) In part 3.1, author mentioned (These peaks were increased with the increase of thickness at same positions). What is the reason for peaks increasing?
- 5) What does author means of this sentence (The crystallite size of tin oxide thin film thickness of 191, 232, 478 and 659 nm were found to be 8, 8, 9 and 16)
- 6) In part 3-3 author only explain theoretically about (Optical absorption shift) and did not applied in measurement, so this part should be removed or better to explain only about  $\alpha$  shift.
- 7) What is the logical reason of (It was observed that the decrease in the transmission with the increase in thin film thicknesses at different wavelength for tin oxide thin film (data not shown) in part 3.4.
- 8) Explanation of graph should be written properly in a line below each graph.
- 9) Manuscript should be checked again carefully because there is some extra space and some English grammar problem.
- 10) In part 3.5 (line 1) the unit is not clear. (16 k $\Omega$ /□)
- 11) In part 3.5, why did mobility and carrier concentration were increase with the increase of radiation at 659 nm film thickness.
- 12) Author should be write reference by numbering not bullets.
- 13) Author should be write the complete name of journal for all or in the short form (abbreviation) for all (not combine) in the references part. Some reference font and colors are different.