

CH 107 Assignment

-Sathvik Kanna

What I have learnt from this week's lectures:

This week's material was very easy to grasp as I have worked with Hydrogen atom for more than 2 years and everything made sense. This new approach to solve for hydrogen atom was very intriguing as opposed to the classical Bohr approach which just seemed boring and obvious.

The following are the list of things which I've learnt from this week's lectures:

- 1) Solving for Schrodinger's equations might also give monstrous solutions which we don't have any other choice but to accept them.
- 2) Radial functions and Probability density functions of various orbitals of hydrogen atom.
- 3) Beautiful shapes of orbitals.

What I find difficult to grasp in this week's lectures:

This week was very straightforward and there was absolutely nothing which was hard to grasp because of the excellent teaching style of Datta sir. Every topic taught this week is crystal clear to me.