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## **Phys 453 project**

Time evolution and the three pictures of quantum mechanics

Time evolution in quantum mechanics is not an easy conceptual topic. However, there are three different ways to express how the quantum system evolve in time. You will discover them from reading the references you are given and summarise your understanding of them in the following points

1. Schrödinger's picture
2. Heisenberg picture
3. Interaction picture
4. Equations of motion in quantum mechanics

You should include the references in your project

- Beaz J. , Hypercharge and Weak Isospin (2003)

Best Regards,

**Dr Salwa Alsaleh**