

# *4E : The Quantum Universe*



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# *Examples of Quantum Mechanics in 3 Dimensions*



- I reviewed the case of particle in a 3-D rigid box
- Did the example of 3-D harmonic oscillator on the board
  - Separation of variables for 3D TISE
  - Wavefunction
  - Energy
  - Degeneracy
    - All this was done on the blackboard, pl. refer to your notes