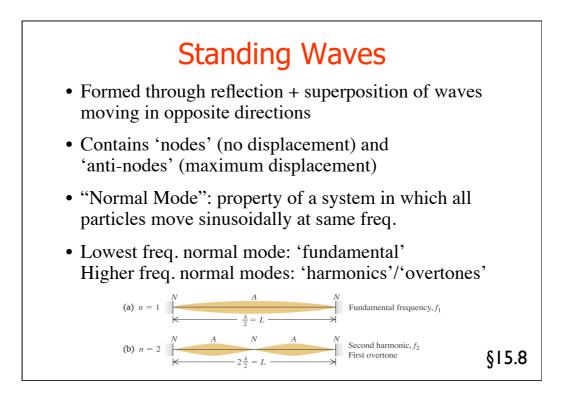
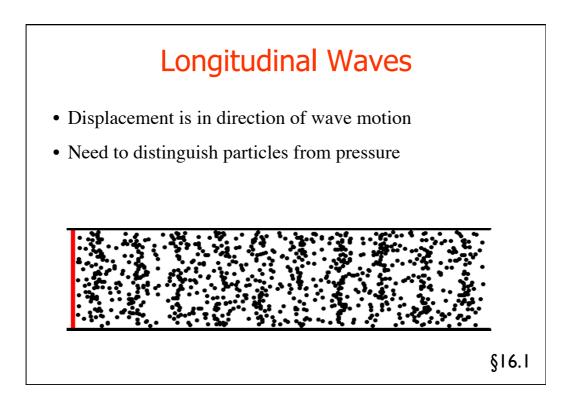
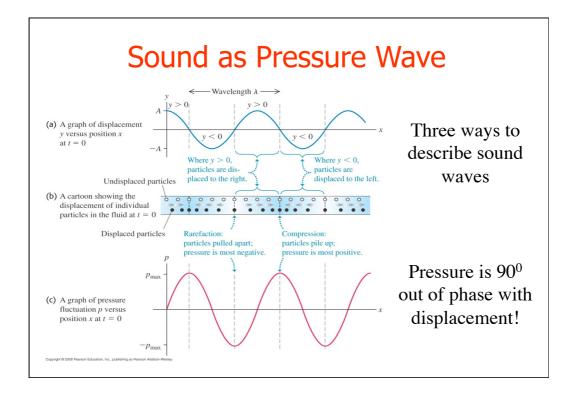
Lecture 7

Standing waves and Normal modes

Pre-reading: §16.1







Longitudinal Standing Waves

- Waves reflect at open or closed end
- Need to distinguish displacement of particles from pressure
- Node: no displacement
- Anti-node: **Time-averaged** location where max displacement is reached
- Displ. node = Pressure anti-node Displ. anti-node = Pressure node

