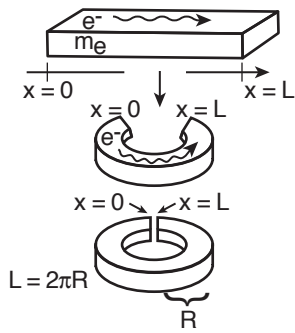
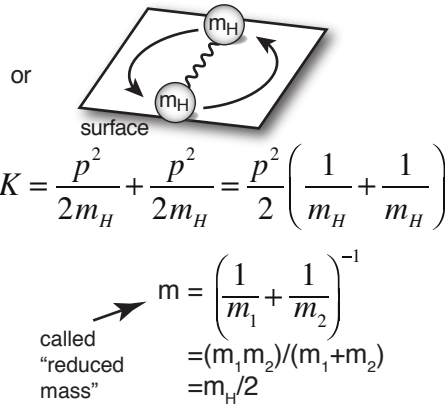


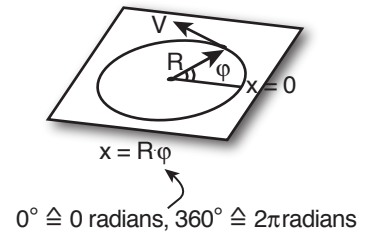
Electron in a ring-shaped box (like benzene):



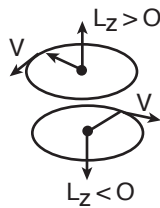
Surface-adsorbed molecule that rotates:



Same math both cases:
Particle rotating in a plane

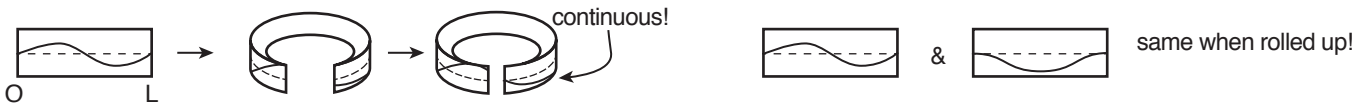


Counter-clockwise: L points up



Clockwise: L points down

Boundary conditions for rotational wavefunctions



Before lecture, cut out the image below, then cut into 4 strips along dotted lines, and bring with you to lecture

