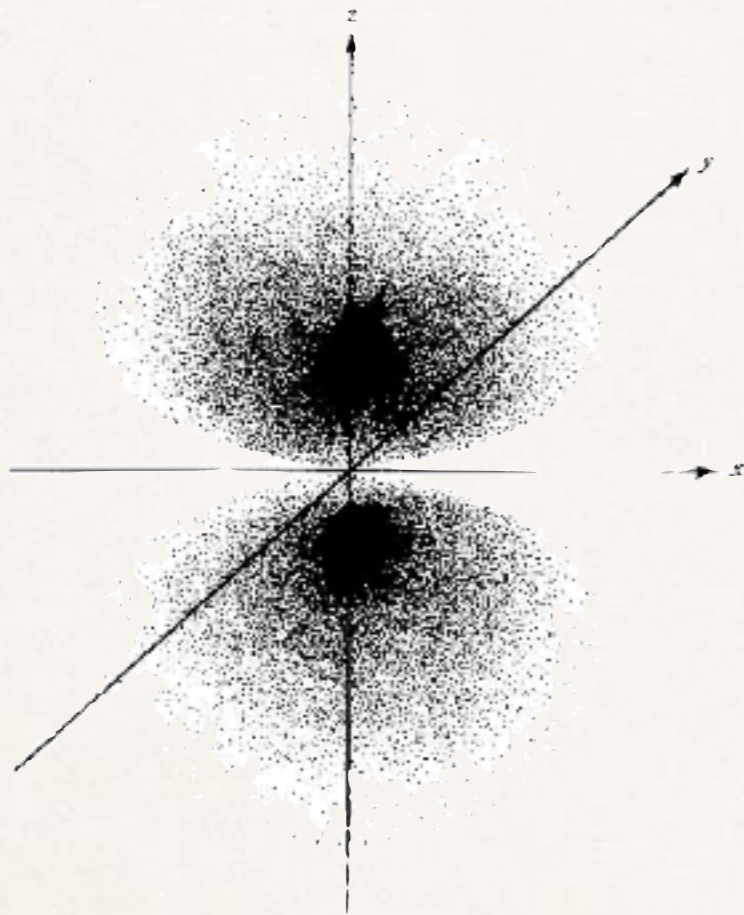
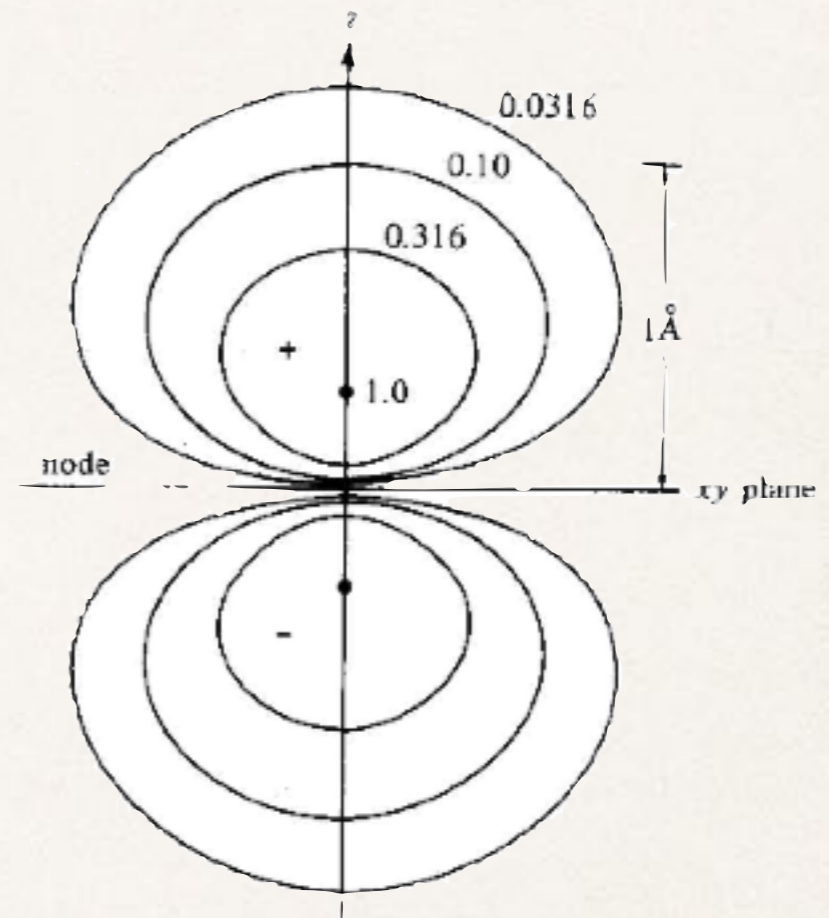


# Example orbitals



Pictorial representation of electron density in a hydrogen-like 2p orbital



Electron density contours for hydrogen-like  $2p_z$  orbital of carbon. Contour values are relative to the electron density maximum. The x-y plane is a nodal surface. The signs (+ and -) refer to the original wave function,  $\Psi$ .