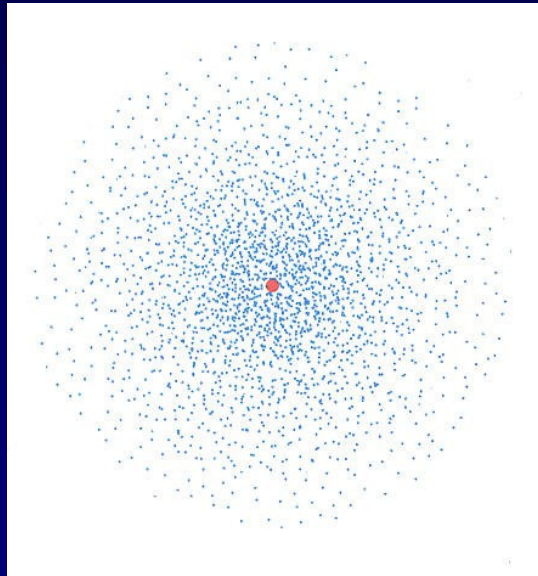


Probability Density of Electrons

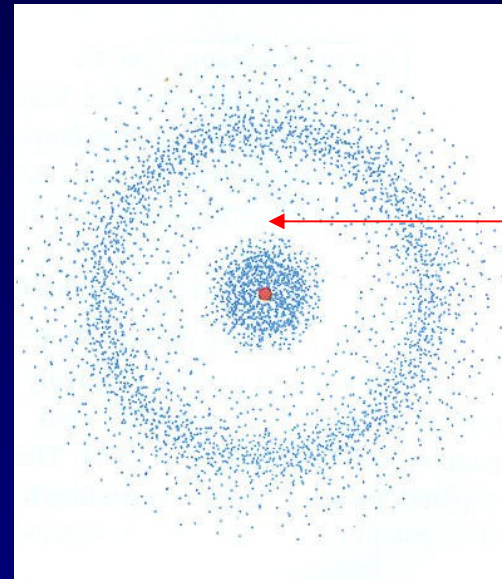
$|\psi|^2 = \text{Probability density} = \text{Probability per unit volume} \propto R_{n0}^2$ for s-states.

The density of dots plotted below is proportional to R_{n0}^2 .

1s state



2s state



A node in the radial probability distribution.

