

Quiz 3

Thursday, April 6, 2017 4:23 PM

Consider the following hybridization of degenerate hydrogen wavefunctions:

$$\frac{1}{\sqrt{4}} \psi_{2,1,1} - \frac{1}{\sqrt{4}} \psi_{2,1,-1} + \frac{1}{\sqrt{2}} \psi_{2,0,0}$$

Sketch the spatial distribution of the electron cloud.