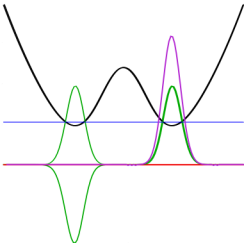


$$|L\rangle = \frac{1}{\sqrt{2}}(|0\rangle - |1\rangle)$$



$$|R\rangle = \frac{1}{\sqrt{2}}(|0\rangle + |1\rangle)$$