Hex. Block introduced Black Sphere. To Represent any Suple Pubit on the Surface of Block Sphere. 14>= Cost (0) + Sing (eid)) (107, 11>) orthonormal 20117 = 0 117 (0)07 = 1 Z-axu (0) = (0) O=0 Ø=0 <11>= 1 1+>= 1 1 G8 11 107 + 8min . 1 /1) = = (10)+11) = (1) GR = (0)+20 e (1)

 $\begin{array}{c} |-\rangle = \frac{1}{|2|} |0\rangle - \frac{1}{|2|} |1\rangle \\ = \frac{1}{|2|} |0\rangle + 8 \text{mp} (-1) |1\rangle \\ = \frac{1}{|2|} |0\rangle + 8 \text{mp} (-1) |1\rangle \\ = \frac{1}{|2|} |0\rangle + 8 \text{mp} (-1) |1\rangle \\ = \frac{1}{|2|} |0\rangle + 8 \text{mp} (-1) |1\rangle \\ = \frac{1}{|2|} |0\rangle + \frac{1}{|2|} |$