$\left|1,1\right>\otimes\left|+\frac{1}{2},+\frac{1}{2}\right>$ $\left|1,0\right>\otimes\left|+\frac{1}{2},+\frac{1}{2}\right>$ $\left|0,0\right>\otimes\left|+\frac{1}{2},+\frac{1}{2}\right>$ $\left|1,-1\right>\otimes\left|+\frac{1}{2},+\frac{1}{2}\right>$ $\left|1,1\right>\otimes\left|+\frac{1}{2},-\frac{1}{2}\right>$ $\left|1,0\right>\otimes\left|+\frac{1}{2},-\frac{1}{2}\right>$ $\left|0,0\right>\otimes\left|+\frac{1}{2},-\frac{1}{2}\right>$ $\left|1,-1\right>\otimes\left|+\frac{1}{2},-\frac{1}{2}\right>$ $\left|1,1\right>\otimes\left|-\frac{1}{2},+\frac{1}{2}\right>$ $\left|1,0\right>\otimes\left|-\frac{1}{2},+\frac{1}{2}\right>$ $\left|0,0\right>\otimes\left|-\frac{1}{2},+\frac{1}{2}\right>$ $\left|1,-1\right>\otimes\left|-\frac{1}{2},+\frac{1}{2}\right>$ $\left|1,1\right>\otimes\left|-\frac{1}{2},-\frac{1}{2}\right>$ $\left|1,0\right>\otimes\left|-\frac{1}{2},-\frac{1}{2}\right>$ $\left|0,0\right>\otimes\left|-\frac{1}{2},-\frac{1}{2}\right>$ $\left|1,-1\right>\otimes\left|-\frac{1}{2},-\frac{1}{2}\right>$