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