

$\ell = 0, m = \pm 0$



$\ell = 1, m = \pm 0 \quad \ell = 1, m = \pm 1$



$\ell = 2, m = \pm 0 \quad \ell = 2, m = \pm 1 \quad \ell = 2, m = \pm 2$



$\ell = 3, m = \pm 0 \quad \ell = 3, m = \pm 1 \quad \ell = 3, m = \pm 2 \quad \ell = 3, m = \pm 3$



$\ell = 4, m = \pm 0 \quad \ell = 4, m = \pm 1 \quad \ell = 4, m = \pm 2 \quad \ell = 4, m = \pm 3 \quad \ell = 4, m = \pm 4$



$\ell = 5, m = \pm 0 \quad \ell = 5, m = \pm 1 \quad \ell = 5, m = \pm 2 \quad \ell = 5, m = \pm 3 \quad \ell = 5, m = \pm 4 \quad \ell = 5, m = \pm 5$

