

-Mercurio =  $\text{Hg}$   $Z = 80$   $n = 5$   $l = 2$   $m_l = +2$   $m_s = -\frac{1}{2}$

$1s^2, 2s^2, 2p^6, 3s^2, 3p^6, 4s^2, 3d^{10}, 4p^6, 5s^2$

$4d^{10}, 5p^6, 6s^2, 4f^{14}, 5d^{10}$

$\begin{array}{c} \uparrow \downarrow \\ \hline -2 \end{array}$   $\begin{array}{c} \uparrow \downarrow \\ \hline -1 \end{array}$   $\begin{array}{c} \uparrow \downarrow \\ \hline 0 \end{array}$   $\begin{array}{c} \uparrow \downarrow \\ \hline +1 \end{array}$   $\begin{array}{c} \uparrow \downarrow \\ \hline +2 \end{array}$