Spin : $I \rightarrow |I\,M\,K\rangle$

Lab Body

346 → 350

479 → ~~483~~

$|I\,M\,K\rangle \Rightarrow \begin{cases} I = 1 \\ M = -1, 0, 1 \\ K = -1, 0, 1 \end{cases}$

$S = \{ |I\,M\,K\rangle ,\ M \in [-1,1],\ K \in [-1,1] \}$

$\Downarrow \quad S_i = \{ I, M, K \}$

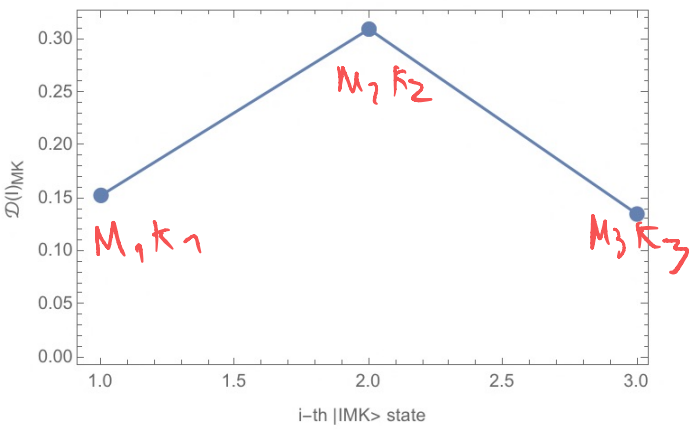
$\Downarrow \quad \mathcal{D}[S_i, w] = \mathcal{D}^{I}_{MK}(w)$

w = Euler angles

$\mathcal{D} \rightarrow |IMK\rangle$

In[48]:=
```
ListPlot[wigner[state0], PlotRange → Full, Axes → False, Frame → True,
 PlotMarkers → {Automatic, Medium}, Joined → True,
 FrameLabel → {"i-th |IMK> state", "𝒟(I)MK"}]
```

Out[48]=



$I = 1 \Rightarrow$ 3 M values, 3 K values