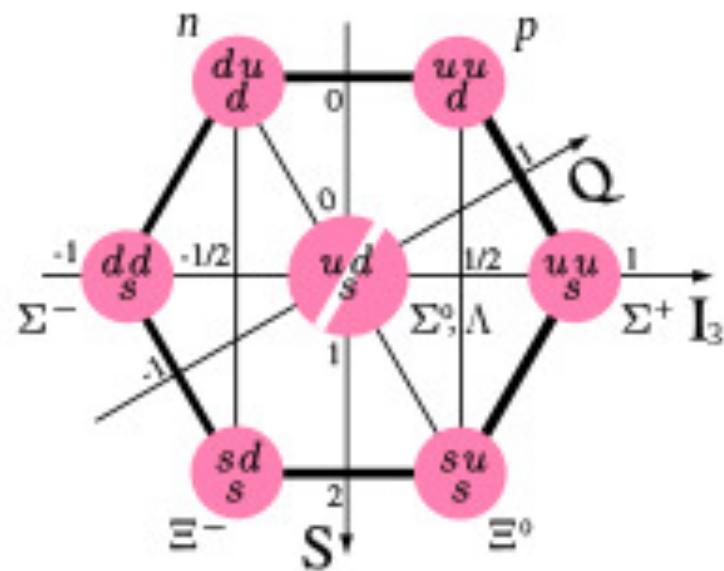


$S=3/2$ ($\uparrow\uparrow\uparrow$)
Spin w.f symmetric



$S=1/2$ ($\uparrow\uparrow\downarrow, \dots$)
Spin w.f mixed-sym.