

$F = 1$ $[3/2]_{1/2}$

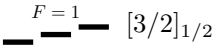


Diagram showing three energy levels for the $F = 1$ state, labeled $[3/2]_{1/2}$. The levels are represented by horizontal black bars and are arranged in a staircase pattern, increasing in energy from left to right.

$F = 2$ $D_{3/2}$

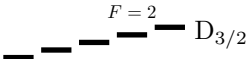


Diagram showing five energy levels for the $F = 2$ state, labeled $D_{3/2}$. The levels are represented by horizontal black bars and are arranged in a staircase pattern, increasing in energy from left to right.

$S_{1/2}$

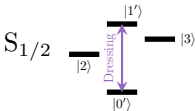


Diagram showing four energy levels for the $S_{1/2}$ state. The levels are represented by horizontal black bars. From bottom to top, they are labeled $|0'\rangle$, $|2\rangle$, $|1'\rangle$, and $|3\rangle$. A vertical double-headed purple arrow labeled "Dressing" connects the $|0'\rangle$ and $|1'\rangle$ levels.