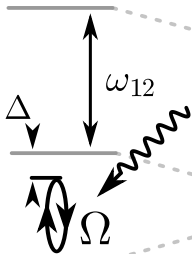


(a)

 $|2\rangle$ $|1\rangle$ $|0\rangle$ 

(b)

 $|b\rangle$ $|a\rangle$ 