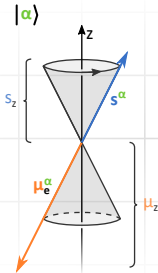
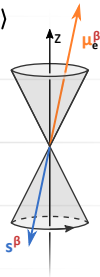


a)

external magnetic field (B_0) $|\beta\rangle$ 

b)

