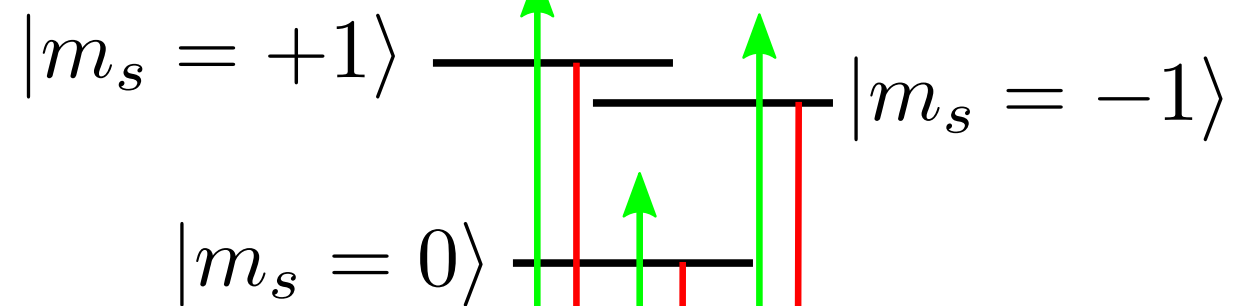
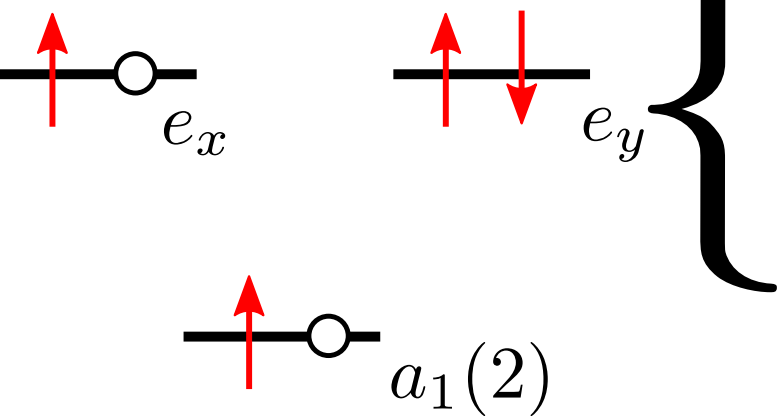


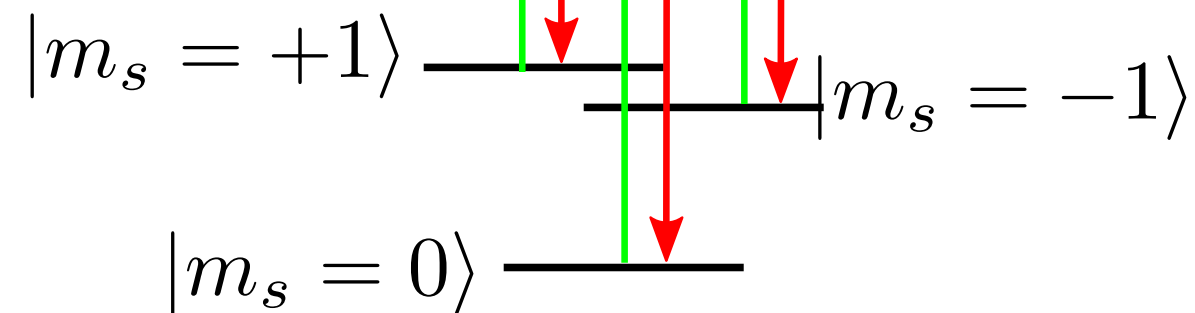
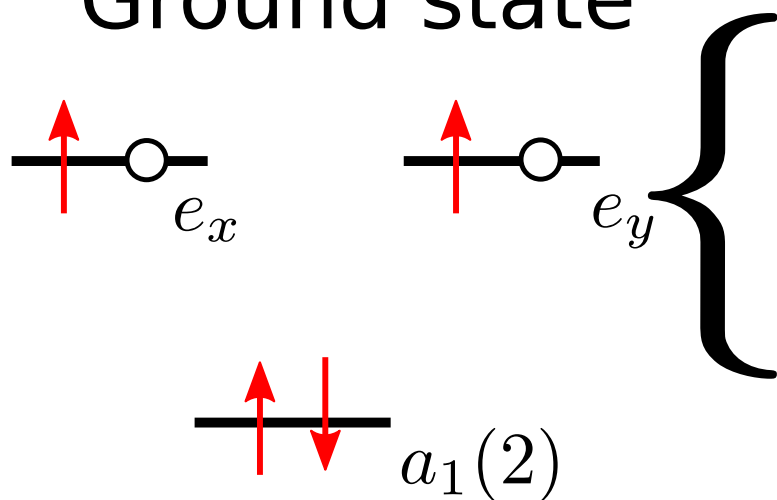
Excited state



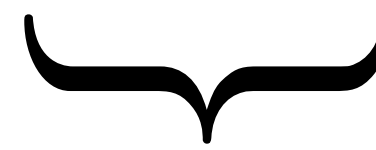
spin preserving
excitation and
photo-emission

637 nm

Ground state



$S=1$



$S=0$