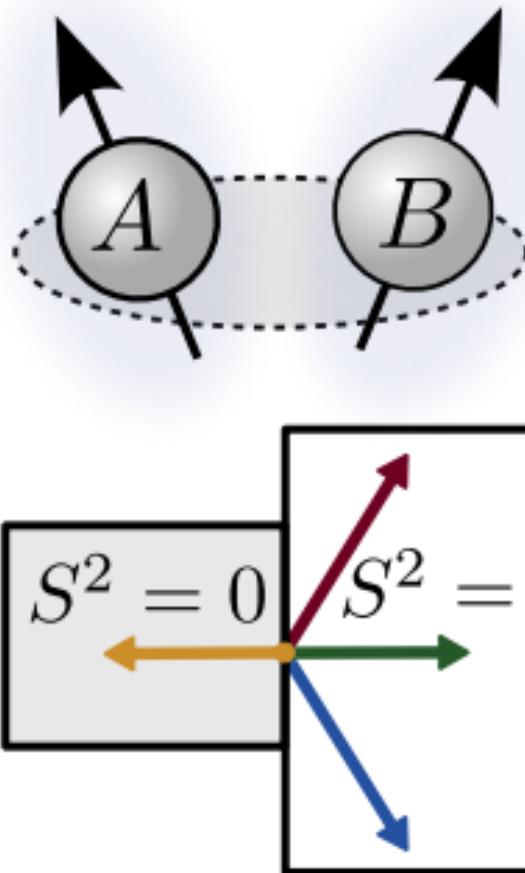
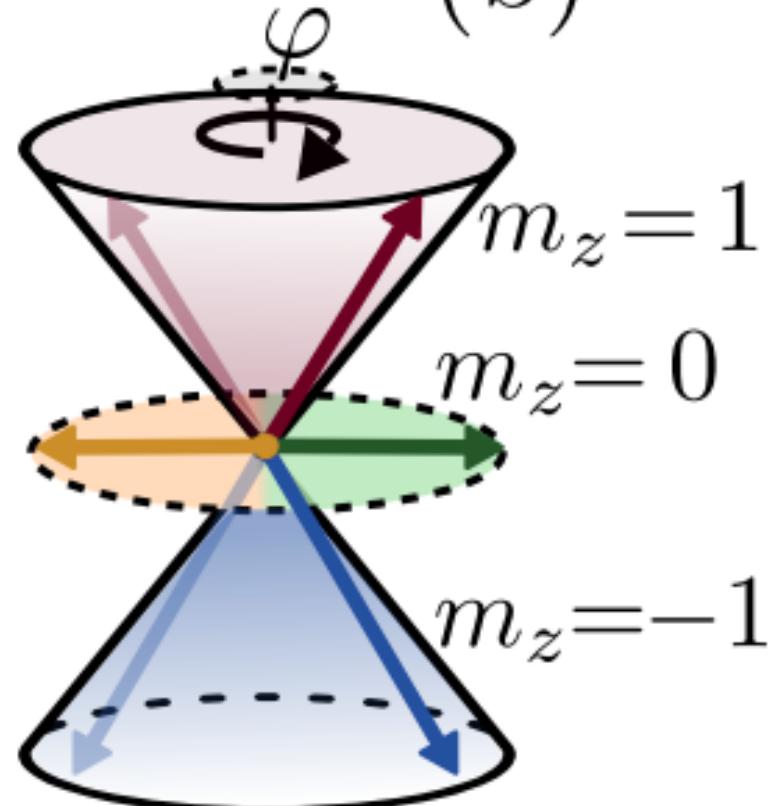


(a)


 $|S^2, m_z\rangle$  (b)
 $S^2_{\max}$  $m_z$ 

0

 $-S^2_{\max}$ 

0

 $S^2$  $S^2_{\max}$ 

(c)

