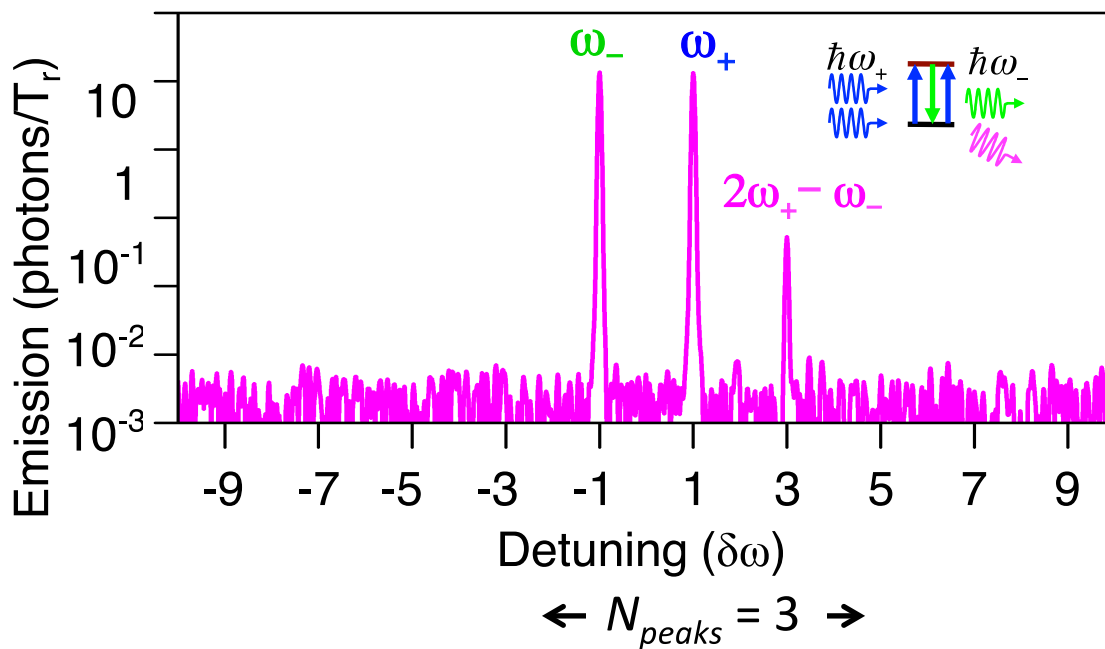
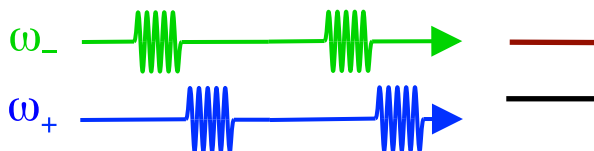


a

$$N_{ph} = 1 :$$

$$|\beta\rangle_- = B(|0\rangle + \beta|1\rangle)$$

**b**