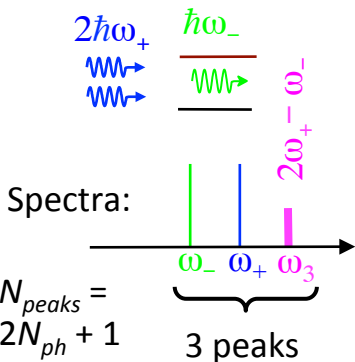


**c**

$N_{ph} = 1:$   $|\gamma\rangle_- = B(|0\rangle_- + \beta|1\rangle_-)$



$N_{ph} = 2:$   $|\gamma\rangle_- = C(|0\rangle_- + \gamma_1|1\rangle_- + \gamma_2|2\rangle_-)$

