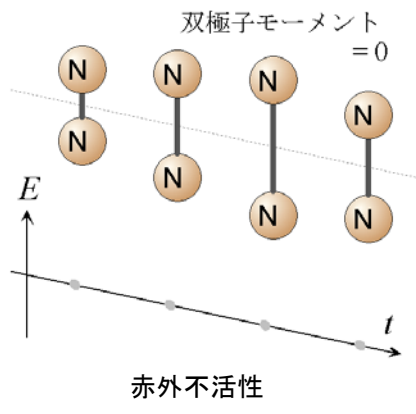
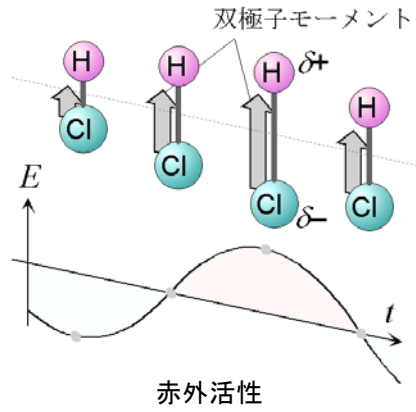


4.1 赤外(光学)遷移の古典的解釈

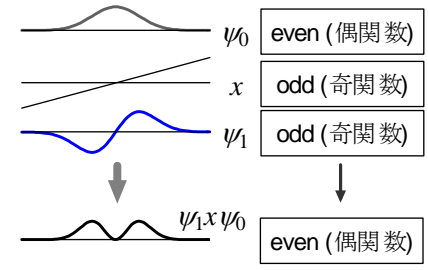
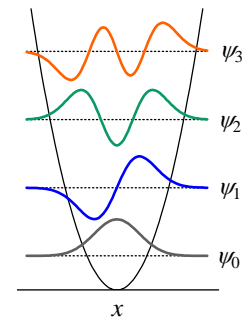
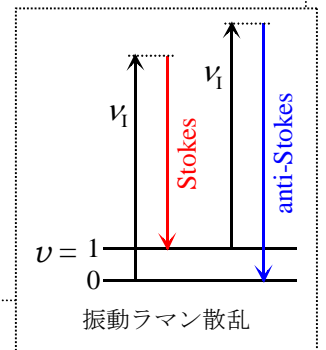
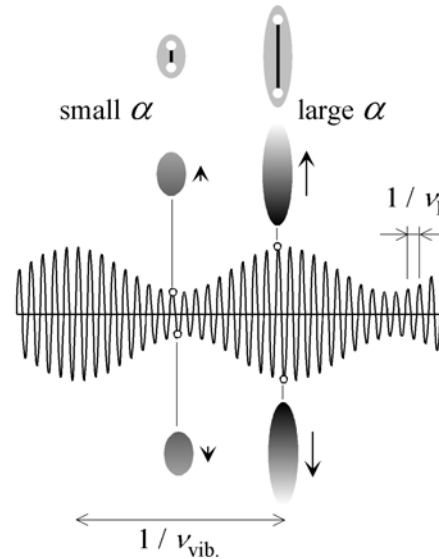
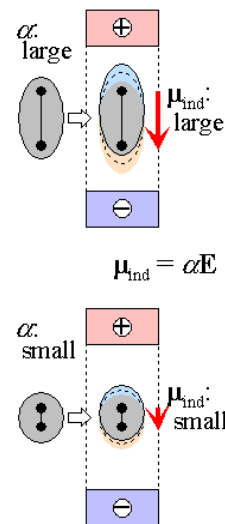
赤外(光学)遷移
= 双極子による遷移



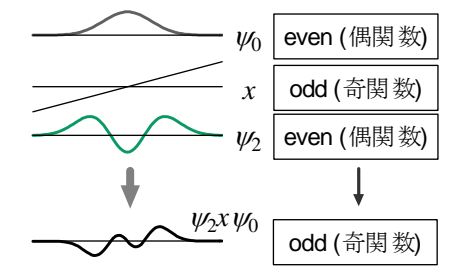
4.2 ラマン散乱の古典的解釈

ラマン散乱 = 分極率による遷移

分極率



(a) 許容遷移 ($\nu = 1 \leftrightarrow 0$)



(b) 禁制遷移 ($\nu = 2 \leftrightarrow 0$)