

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

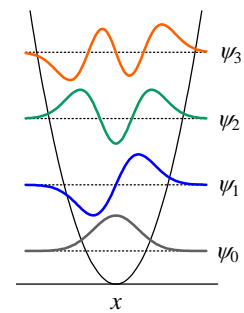
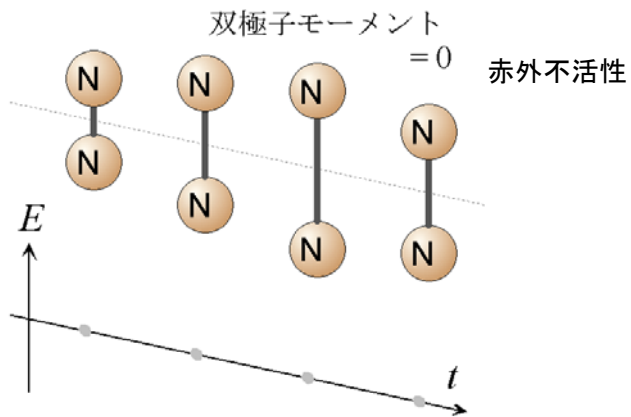
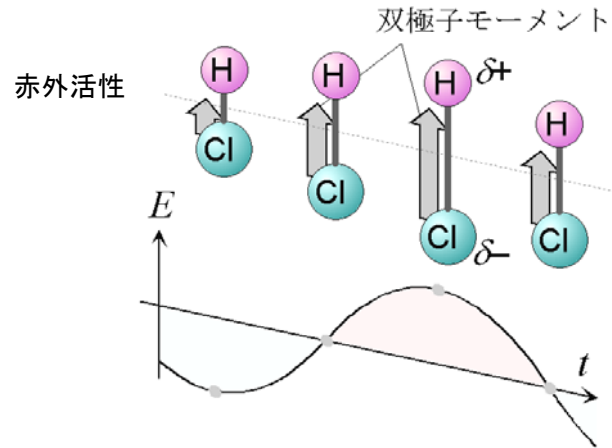


図 2.4 振動波動関数 (調和振動子)

ラマン散乱の古典的解釈

ラマン散乱
= 分極率による遷移

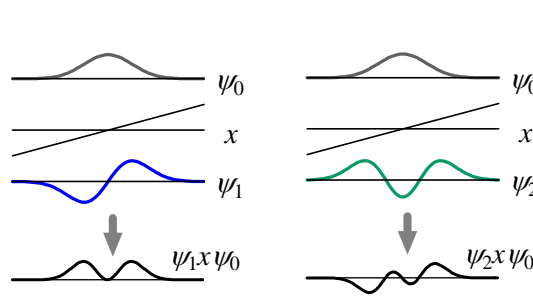
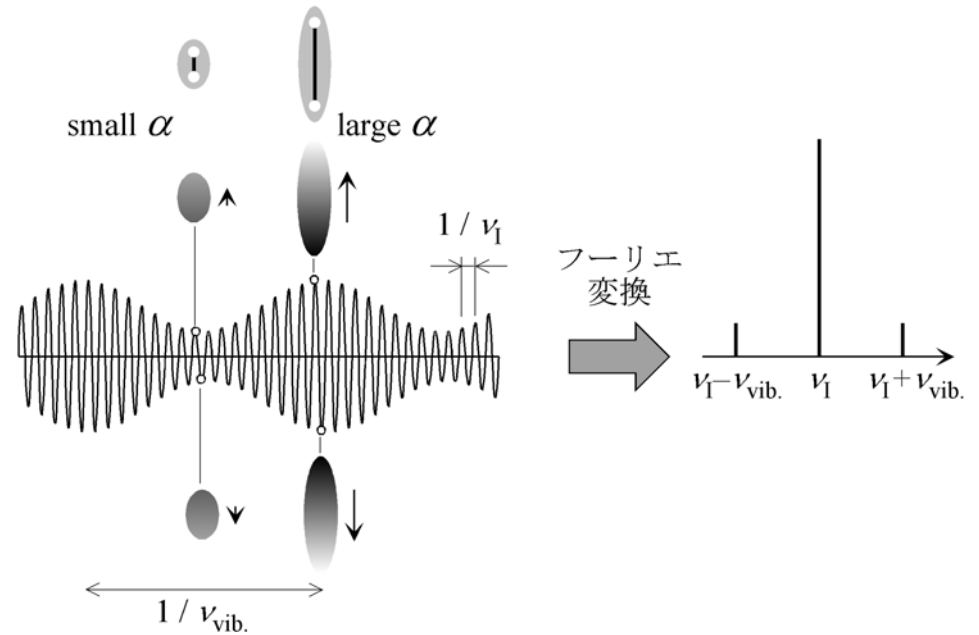


図 2.5a 許容遷移

図 2.5b 禁制遷移

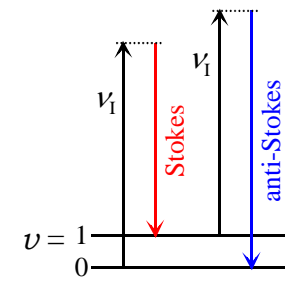


図 2.6 振動ラマン散乱