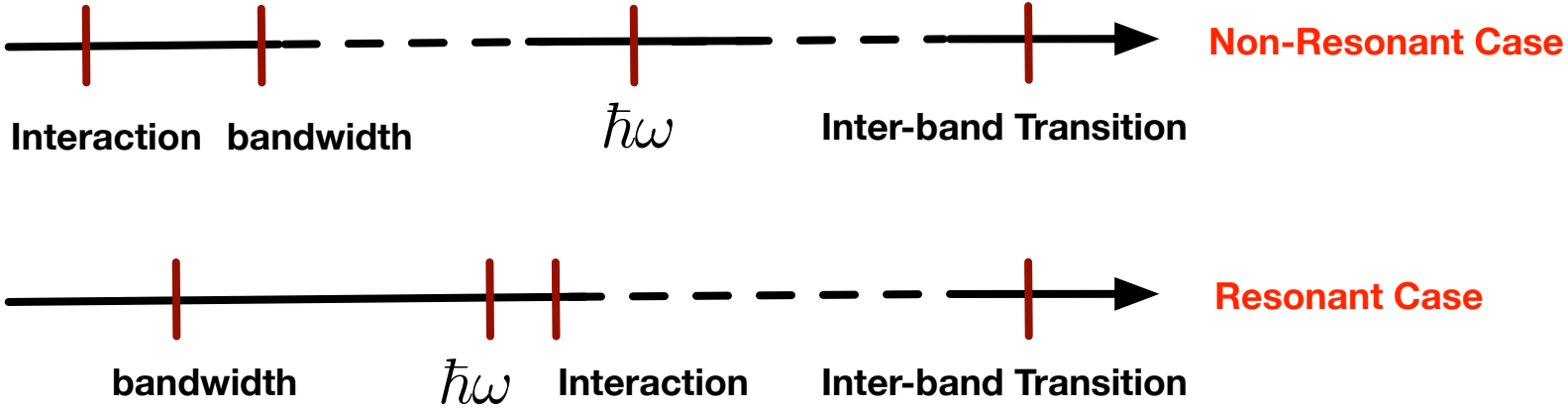
Non-Resonant Case
Interaction
bandwidth
$\hbar\omega$
Inter-band Transition
Resonant Case
bandwidth
$\hbar\omega$
Interaction
Inter-band Transition