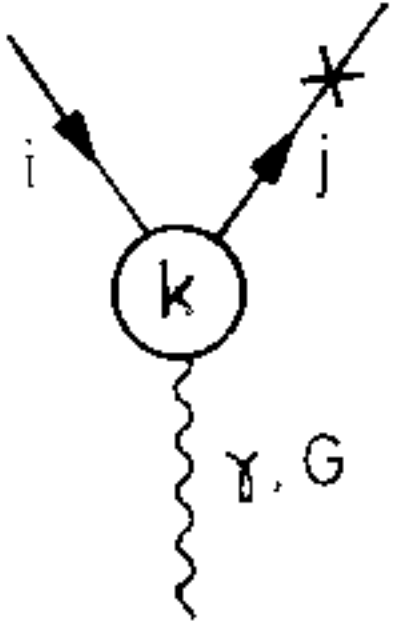

$= m_{ext}$