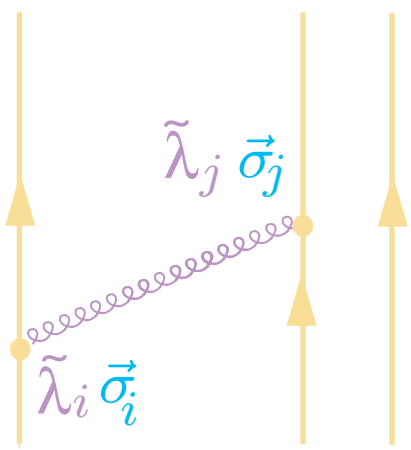
$\tilde{\lambda}_j\ \vec{\sigma}_j$
$\tilde{\lambda}_i\ \vec{\sigma}_i$