

$$= \frac{\lambda}{4!} \int d^4x \frac{d^4k_1}{(2\pi)^4} \cdots \frac{d^4k_4}{(2\pi)^4} e^{-\frac{i}{2}(k_1 \theta k_2)} e^{-\frac{i}{2}(k_3 \theta k_4)}$$