1. Connecting T, to S,(a)

$$\Gamma_{ILX} = \frac{1}{\pi} (m_X)^2 \rho(\hbar \omega_E) = \frac{1}{\hbar^2} (d_X)^2 S_X(\omega_E) = 0^2_{XL} S_X(\omega_E), \quad d_X = \langle 1|\frac{d_X}{d_X}|0\rangle = \frac{1}{\hbar} D_{XL}$$

$$S_X(\omega_E) = 2\pi \hbar (SX)^2 \rho(\hbar \omega_E)$$

2 Connectors Ty to Sa(W)

$$b = \begin{pmatrix} (1/(1)-1)6_{1/6} & c & c \\ (1/(1)-1)6_{1$$

$$S_{x}(\omega) = \int_{-\infty}^{\infty} d\tau \langle \lambda(\tau) \lambda(0) \rangle e^{-\tau \omega \tau}$$

$$\delta(\xi) = \int_{\xi}^{0} n^{3} d\xi = (m^{2}) \xi + \delta \delta(\xi)^{2} \int_{\xi}^{0} 2m^{3} (\xi_{i}) d\xi_{i}$$

$$\langle e^{iSV(c)} \rangle = \langle 1 + iSV(ce) - \frac{1}{2!}SV(ce) - \frac{2}{3!}SV^{3}(c) + \frac{1}{4!}SV^{3}(c) + \cdots \rangle$$

$$= \left\langle 1 - \frac{1}{2!} S \varphi(e) + \frac{1}{4!} S \varphi(e) - \frac{1}{6!} S \varphi(e) + \cdots \right\rangle \cong \left\langle 1 - \frac{1}{2} S \varphi(e) \right\rangle = \left| -\frac{1}{2} \left\langle S(e) \right\rangle \right|$$

$$= \left\langle 1 - \frac{1}{2!} S \varphi(e) + \frac{1}{4!} S \varphi(e) - \frac{1}{6!} S \varphi(e) + \cdots \right\rangle \cong \left\langle 1 - \frac{1}{2} S \varphi(e) \right\rangle = \left| -\frac{1}{2} \left\langle S(e) \right\rangle \right|$$

$$\equiv 6_{-\frac{1}{2}(444)}$$

 $=\frac{7}{2}\left(\begin{array}{c} S(x) \\ S(x) \\ \hline (G_{1}) \\ \hline (G_{2}) \\ \hline (G_{3}) \\$

$$\chi_{\nu}(\tau) = \frac{1}{2} \langle g(\tau) \rangle = \frac{1}{2} \left\langle \left[\int_{\epsilon}^{\epsilon} g \omega_{b}(\epsilon) d\epsilon' \right]^{2} \right\rangle$$

$$= \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \left(\frac{1}{2} \right) \right) \right) \right) + \frac{1}{2} \left(\frac{1}{2} \left($$

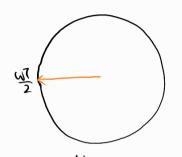


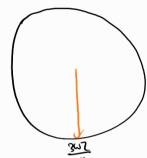
OX OX ONSA

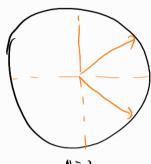
$$\xi \delta \zeta \epsilon) = 2 \int_{\mathbb{T}}^{2} 2m^{2} (\epsilon_{i}) g_{\xi_{i}} + 2 (\int_{\frac{2\pi}{3}}^{\frac{2\pi}{3}} 2m^{2} \xi_{i}) g_{\xi_{i}} + \dots + 2^{n-1} \int_{\frac{2\pi}{3}}^{\frac{2\pi}{3}} 4(n+1) \frac{\mu}{\xi_{i}}$$

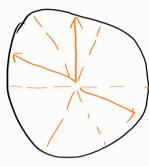
$$S(Q(x)) = \int_{-\infty}^{\infty} \frac{1}{X(2x)!} \left[e^{-e} - e^{-\frac{2\pi i}{3n}} + e^{-\frac{2\pi i}{3n}} - e^{-\frac{2\pi i}{3n}} + \cdots \right] d\omega$$

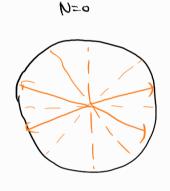
$$\exists G'(m's) = \frac{(ms)}{r} \left(\frac{1}{6} - \frac{1}{6} + \frac{1}{2} + \frac{1}{2}$$

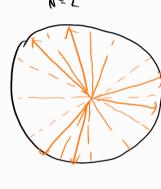


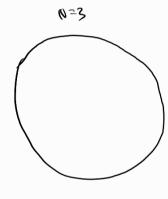












$$O \sim \frac{n}{\alpha s} : \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}(\frac{4n}{\alpha s})} \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + c_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + s_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu} \frac{4n}{\alpha s} \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + s_{\mu}(\frac{4n}{\alpha s}) + s_{\mu}(\frac{4n}{\alpha s}) \left(\frac{s_{\mu}}{s_{\mu}} + s_{\mu}(\frac{4n}{\alpha s}) \right) = \frac{s_{\mu}(\frac{4n}{\alpha s})}{s_{\mu}} + s_{\mu}(\frac{4n}{\alpha s}) + s_{\mu}(\frac{4n}{\alpha s})$$

$$\int_{\mathbb{R}^{3}} \frac{\partial}{\partial x} \left(\frac{\partial}{\partial x} \right) \left(-6_{\frac{1}{2}} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) = \frac{\partial}{\partial x} \left(\frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) = \frac{\partial}{\partial x} \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) = \frac{\partial}{\partial x} \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) = \frac{\partial}{\partial x} \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) = \frac{\partial}{\partial x} \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) = \frac{\partial}{\partial x} \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial x} \frac{\partial}{\partial x} + 6_{\frac{1}{2}} \frac{\partial}{\partial x} \right) \left(\frac{\partial}{\partial$$

$$= \frac{n_s}{10} \operatorname{Sy}_s\left(\frac{4n}{n_s}\right) \operatorname{Col}_s\left(\frac{n_s}{3n_s}\right) \frac{\operatorname{Col}_s\left(\frac{n_s}{n_s}\right)}{\operatorname{2l}_s\left(\frac{n_s}{n_s}\right)}$$

$$X^{\circ}(x) = \frac{1}{2} \int_{-\infty}^{\infty} Z(w) \frac{Sh^{\circ}(\frac{wx}{2})}{(\frac{wx}{2})^{\circ}} dw = \frac{1}{2} \int_{-\infty}^{\infty} \frac{Sh^{\circ}(\frac{wx}{2})}{(\frac{wx}{2})^{\circ}} dw$$