Casony njoj koherentulio stavn

$$V_0(q-\alpha) = e^{\frac{K}{V_2}(q^4-q)}V_0(q)$$

$$E$$

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$$|V_0(q)| = e^{\frac{K}{V_2}(q^4-q)}V_0(q)$$

$$|\chi(t)\rangle = ? \qquad = \langle \chi(t) | \chi(0) \rangle$$

$$= e^{\frac{i}{\hbar}Ht} | \chi(0) \rangle = e^{-i\omega aat} e^{\frac{\kappa}{\hbar}(a^{4}-a)} | \chi(0) \rangle$$

$$\ell \ell = \ell^2$$
 $\xi = \lambda + \gamma + \frac{1}{2} [+, +] + \dots$

$$-\frac{1}{2}\frac{K}{V_{2}} = \begin{cases} -\frac{1}{2}\frac{K}{V_{2}} & \frac{K}{V_{2}}(q^{4}-q) \\ -\frac{1}{2}\frac{K}{V_{2}} & \frac{K}{V_{2}}(q^{4}-q) \end{cases} = \begin{cases} -\frac{1}{2}\frac{K}{V_{2}} & \frac{K}{V_{2}}q^{4} - \frac{K}{V_{2}}q \\ -\frac{1}{2}\frac{K}{V_{2}} & \frac{K}{V_{2}}q^{4} - \frac{K}{V_{2}}q \end{cases} = \begin{cases} -\frac{1}{2}\frac{K}{V_{2}} & \frac{K}{V_{2}}q^{4} - \frac{K}{V_{2}}q \\ -\frac{1}{2}\frac{K}{V_{2}} & \frac{K}{V_{2}}q^{4} - \frac{K}{V_{2}}q \end{cases} = \begin{cases} -\frac{1}{2}\frac{K}{V_{2}} & \frac{K}{V_{2}}q^{4} - \frac{K}{V_{2}}q \\ -\frac{1}{2}\frac{K}{V_{2}} & \frac{K}{V_{2}}q^{4} - \frac{K}{V_{2}}q \\ -\frac{1}{2}\frac{K}{V_{2}}q & \frac{K}{V_{2}}q^{4} - \frac{K}{V_{2}}q \\ -\frac{1}{2}\frac{K}{V_{2}}q & \frac{K}{V_{2}}q^{4} - \frac{K}{V_{2}}q \\ -\frac{1}{2}\frac{K}{V_{2}}q & \frac{K}{V_{2}}q & & \frac{K}{V_{2}}q & \frac{K}{V_{2}}q & \frac{K}{V_{2}}q \\ -\frac{1}{2}\frac{K}{V_{2}}q & \frac{K}{V_{2}}q & \frac{K}{V_{2}}q & \frac{K}{V_{2}}q & \frac{K}{V_{2}}q & \frac{K}{V_{2}}q \\ -\frac{1}{2}\frac{K}{V_{2}}q & \frac{K}{V_{2}}q &$$

$$|\chi(0)\rangle = e^{\frac{1}{2}\frac{K}{12}}e^{\frac{K}{12}a^{\dagger}}$$
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$$\frac{1}{2} \int_{0}^{1} \frac{1}{4} dt = \left(1 - \frac{1}{4} t w \alpha \alpha t + \left(-\frac{1}{4}\right)^{2} (t \omega) \alpha \alpha \alpha \alpha \alpha t + \dots\right) dt$$

$$= a^{\frac{1}{2}} \left(\frac{1}{2} \frac{u}{qq} \right) \frac{u}{q^{\frac{1}{2}}} = \frac{1}{2} \frac{1}{2} \frac{u}{u} \frac{u}{q} \frac{1}{q} \frac{u}{q} \frac{u$$

$$\frac{1}{2} \frac{1}{4} \frac{1$$

$$\frac{-\frac{1}{4}Ht}{e^{\frac{K}{12}}a^{\frac{1}{2}}} = e^{\frac{K}{12}a^{\frac{1}{2}}e^{-\frac{1}{12}Ht}} = e^{\frac{1}{4}Ht} = e^{\frac{K}{12}a^{\frac{1}{2}}e^{-\frac{1}{12}Ht}} = e^{\frac{K}{12}e^{\frac{1}{12}a^{\frac{1}{2}}e^{-\frac{1}{12}Ht}}} = e^{\frac{K}{12}e^{\frac{1}{12}e^{\frac{1}{12}e^{-\frac{1}{12}Ht}}}} = e^{\frac{K}{12}e^{\frac{1}{12}e^{\frac{1}{12}e^{-\frac{1}{12}Ht}}}} = e^{\frac{K}{12}e^{\frac{1}{12}e^{\frac{1}{12}e^{-\frac{1}{12}Ht}}}} = e^{\frac{K}{12}e^{\frac{1}{12}e^{\frac{1}{12}e^{-\frac{1}{12}Ht}}}} = e^{\frac{K}{12}e^{\frac{1}{12}e^{\frac{1}{12}e^{-\frac{1}{12}Ht}}}} = e^{\frac{K}{12}e^{\frac{1}{12}e^{\frac{1}{12}e^{-\frac{1}{12}e^{-\frac{1}{12}Ht}}}}} = e^{\frac{K}{12}e^{\frac{1}{12}e^{\frac{1}{12}e^{-\frac{1}{12}e^{-\frac{1}{12}Ht}}}}} = e^{\frac{K}{12}e^{\frac{1}{12}e^{\frac{1}{12}e^{-\frac{1}{12}e$$

$$= \left| \left| \langle x(t) \rangle \right| = \ell^{\frac{-c}{\sqrt{2}}} \left| \frac{-c}{\alpha^{+}} - \frac{x_{0}}{\sqrt{2}} \ell^{-\frac{1}{2}} \frac{i\omega t}{\alpha} \right|$$

76(9) -> 46(9-K)

$$|\chi(t)\rangle = e^{\frac{K_0}{V_2}} \cos \omega t (a^t - a) - i \frac{K_0}{V_2} \sin \omega t (a^t + a)$$

2= X+Y+ [[+]

 $\approx e^{-ix_0} \text{ feu } \omega t \hat{q} - ix_0 \text{ coscot} \hat{p}$ $\text{posumuli o } q(t) = x_0 \text{ coscot}$ $|x_0| = x_0 \text{ cosw} t$

= $\left| \left(x_{q=\infty, coocot; p=\infty, sin \omega t} \right) \right|$