Trasletion operator

if DCai HDCal = H + dynamics is transleting instruct

Time displacement

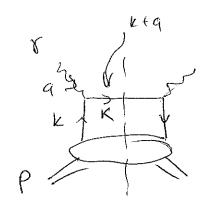
Rotation

$$R(\vec{\chi}) = e^{-\vec{\chi}\vec{\vec{I}}}$$
, $\vec{\vec{I}}$ - total organism momentum

 $W'' = \frac{1}{2\pi} \sum_{x} (2\pi)^{4} \delta^{(4)}(P+q-P_{x}) \langle P|J^{M}(0)|x\rangle \langle x|J^{V}(0)|P\rangle$

otherwise we can also define

Let us compare with Backette et als



(TICHOS/CPI TOOI IEX) (FUX I WIOI IPS>) TICK) 8")

(24) 8 GI (P-K-PX) (2514 (K+9-K)

(k,P,S)= Z (2) (P-k-Px) <PS 1 Y(0) 1X SZX1 P(0) 1P)

= (27) Z Sdt eick CP61 4, (01 1x) < x 14; (-2) 1P)

as in Beachette et al!

- \(\(\chi_1, -\vec{S} \)

F con he also written as

Pority and time reversel

= \(\frac{dz}{(\omega)} \frac{dz_1}{(\omega)^2} e^{(\omega)/2} \(\cdot \frac{dz_1}{(\omega)/2} e^{(\omega)/2} \) \(\cdot \frac{dz_1}{(\omega)/2} e^{(\omega)/2} \)

(P,S) \(\psi\) \(\frac{-4}{N}\) \(\frac{

$$k\hat{t} = i\frac{\partial}{\partial t_i}e^{ikt}$$
, $\int \frac{d^i h_i}{(2\pi)^i}e^{-ik_it_i} = \xi^{(i)}(t_i)$

x (W++ (-1/2,1/2) - W-x (-1/2,1/2)) 4(+/2)(P,5) | et=0

We can use

as definition

From M. Burkordt

Cluon field strength terror

Defunction by Fi:

$$F = \frac{1}{2} \int \frac{d\lambda}{2\pi} e^{i\lambda x} \angle P' | \Psi(-\frac{\lambda}{2}n) \chi P e^{i\lambda} \int \frac{d\lambda}{2\pi} e^{i\lambda x} \angle P' | \Psi(-\frac{\lambda}{2}n) \chi P e^{i\lambda} \int \frac{d\lambda}{2\pi} e^{i\lambda x} dx$$

$$\Psi(\frac{\lambda n}{2}) | P \rangle =$$

$$\frac{d}{d\lambda} \left(\right) = F'(-\lambda \lambda) - F'(\lambda \lambda) -$$

$$= A_{+}(-\%,n) - A_{+}(\%,n)$$