

Wave operator and propagator

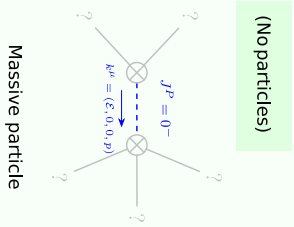
Spin-parity	form	Covariant	form	Multiplicities
$\#2$ $0^+ \tau = 0$		$\partial_\beta \partial_\alpha \tau^{a\beta} = 0$		1
$\#1$ $0^+ \tau - 2 i k_0^+ \sigma = 0$		$\partial_\beta \partial_\alpha \tau^{a\beta} = \partial_\beta \partial^\beta \tau_\alpha + 2 \partial_\chi \partial^\chi \partial_\beta \sigma^a_\alpha$		1
$\#2$ $1^+ \tau + 2 i k_1^+ \sigma = 0$		$\partial_\chi \partial_\beta \partial^\alpha \tau^{\beta\chi} = \partial_\beta \partial^\beta \partial_\chi \tau^{a\beta} + 2 \partial_\sigma \partial^\sigma \partial_\chi \partial_\beta \sigma^{a\beta\chi}$		3
$\#1$ $1^+ \tau = 0$		$\partial_\chi \partial_\beta \partial^\alpha \tau^{\beta\chi} = \partial_\chi \partial^\chi \partial_\beta \tau^{\beta\alpha}$		3
$\#1$ $1^+ \tau + i k_1^+ \sigma = 0$		$\partial_\chi \partial_\alpha \tau^{\beta\chi} + \partial_\chi \partial^\beta \tau^{\chi\alpha} + \partial_\chi \partial^\chi \tau^{a\beta} + 2 \partial_\sigma \partial^\sigma \partial_\chi \partial^\beta \sigma^{\beta\chi\sigma} + 2 \partial_\sigma \partial^\sigma \partial_\chi \sigma^{a\beta\chi} =$ $\partial_\chi \partial^\alpha \tau^{\beta\chi} + \partial_\chi \partial^\beta \tau^{\chi\alpha} + \partial_\chi \partial^\chi \tau^{\beta\alpha} + 2 \partial_\sigma \partial_\chi \partial^\beta \sigma^{\alpha\chi\sigma}$		3
$\#2$ $2^+ \tau - 2 i k_2^+ \sigma = 0$		$-i (4 \partial_\chi \partial_\chi \partial^\beta \partial^\beta \tau^{\chi\sigma} + 2 \partial_\sigma \partial_\sigma \partial^\beta \partial^\beta \tau^{\chi\chi} - 3 \partial_\sigma \partial^\sigma \partial_\chi \partial^\beta \tau^{\beta\chi} - 3 \partial_\sigma \partial^\sigma \partial_\chi \partial^\alpha \tau^{\chi\beta} -$ $3 \partial_\sigma \partial^\sigma \partial_\chi \partial^\beta \tau^{\alpha\chi} - 3 \partial_\sigma \partial^\sigma \partial_\chi \partial^\beta \tau^{\chi\alpha} + 3 \partial_\sigma \partial^\sigma \partial_\chi \partial^\chi \tau^{\beta\alpha} +$ $3 \partial_\sigma \partial^\sigma \partial_\chi \partial^\chi \tau^{\beta\alpha} + 4 i k^\chi \partial_\epsilon \partial_\epsilon \partial^\beta \partial^\alpha \sigma^{\delta\epsilon} - 6 i k^\chi \partial_\epsilon \partial_\sigma \partial_\chi \partial^\alpha \sigma^{\beta\delta\epsilon} -$ $6 i k^\chi \partial_\epsilon \partial_\sigma \partial_\chi \partial^\beta \sigma^{\alpha\delta\epsilon} + 2 \eta^{a\beta} \partial_\epsilon \partial^\epsilon \partial_\sigma \partial_\chi \tau^{\chi\sigma} +$ $6 i k^\chi \partial_\epsilon \partial^\epsilon \partial_\sigma \partial_\chi \sigma^{a\alpha\beta} + 6 i k^\chi \partial_\epsilon \partial^\epsilon \partial_\sigma \partial_\chi \sigma^{\beta\delta\alpha} -$ $2 \eta^{a\beta} \partial_\epsilon \partial^\epsilon \partial_\sigma \tau^{\chi\chi} - 4 i \eta^{a\beta} k^\chi \partial_\phi \partial^\phi \partial_\epsilon \partial_\chi \sigma^{\delta\epsilon}) = 0$		5
Total expected gauge generators:				16

[illegible]

[illegible]

Massive and massless spectra

Pole residue:	$-\frac{1}{r_2} > 0$
Square mass:	$-\frac{t_2}{r_2} > 0$
Spin:	0
Parity:	Odd



Unitarity conditions