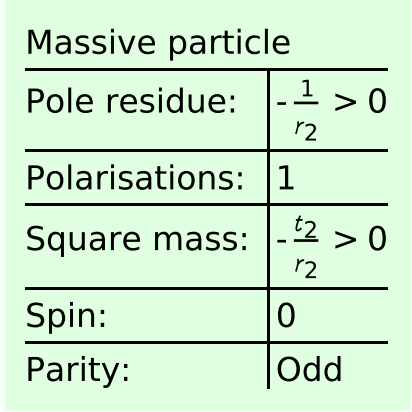


Wave operator and propagator



Unitarity conditions

$\frac{1}{6}(9k^2r_3+4t_2)$	$\frac{\sqrt{2}t_2}{3}$	$\frac{1}{3}i\sqrt{2}kt_2$	0	0	0	0
$\frac{\sqrt{2}t_2}{3}$	$\frac{t_2}{3}$	$\frac{ikt_2}{3}$	0	0	0	0
$-\frac{1}{3}i\sqrt{2}kt_2$	$-\frac{1}{3}ikt_2$	$\frac{k^2t_2}{3}$	0	0	0	0
0	0	0	$\frac{2t_3}{3}$	$-\frac{\sqrt{2}t_3}{3}$	0	$-\frac{2}{3}ikt_3$
0	0	0	$-\frac{\sqrt{2}t_3}{3}$	$\frac{t_3}{3}$	0	$\frac{1}{3}i\sqrt{2}kt_3$
0	0	0	0	0	0	0
0	0	0	$\frac{2ikt_3}{3}$	$-\frac{1}{3}i\sqrt{2}kt_3$	0	$\frac{2k^2t_3}{3}$

Quadratic (free) action

[illegible]

Source constraints/gauge generators

SO(3) irreps	Multiplicities
$\tau_{0+}^2 == 0$	1
$\tau_{0+}^{\#1} - 2 \bar{i} k \sigma_{0+}^{\#1} == 0$	1
$\tau_{1-}^{2\alpha} - \bar{i} k \sigma_{1-}^{\#1\alpha} == 0$	3
$\tau_{1-}^{\#1\alpha} == 0$	3
$\sigma_{1-}^{\#1\alpha} + 2 \sigma_{1-}^{\#2\alpha} == 0$	3
$\tau_{1+}^{\#1\alpha\beta} + \bar{i} k \sigma_{1+}^{\#2\alpha\beta} == 0$	3
$\sigma_{2-}^{\#1\alpha\beta\chi} == 0$	5
$\tau_{2+}^{\#1\alpha\beta} == 0$	5
Total constraints:	24

$\omega_2^{\#1} + \alpha\beta$	$\omega_2^{\#1} f_2^{\#1} + \alpha\beta$	$\omega_2^{\#1} \omega_2^{\#1} - \alpha\beta X$
$\omega_2^{\#1} + \alpha\beta$	0	0
$f_2^{\#1} + \alpha\beta$	0	0
$\omega_2^{\#1} + \alpha\beta X$	0	0

$\sigma_0^{#1} +$	$\frac{1}{(1+2k^2)^2 t_3}$	$-\frac{i\sqrt{2}k}{(1+2k^2)^2 t_3}$	$\tau_0^{#2}$	$\sigma_0^{#1}$
$\tau_0^{#1} +$	$\frac{i\sqrt{2}k}{(1+2k^2)^2 t_3}$	$\frac{2k^2}{(1+2k^2)^2 t_3}$	$\tau_0^{#2}$	$\sigma_0^{#1}$
$\tau_0^{#2} +$	0	0	$\tau_0^{#2}$	$\sigma_0^{#1}$
$\sigma_0^{#1} +$	0	0	$\tau_0^{#2}$	$\sigma_0^{#1}$