

Wave operator and propagator

[illegible]

Massive and massless spectra



Source constraints/gauge generators		
SO(3) irreps	Multiplicities	
$\tau_{0+}^{\#2} == 0$	1	
$\tau_{0+}^{\#1} == 0$	1	
$\tau_{1-}^{\#2\alpha} + 2i k \tau_{1-}^{\#1\alpha} == 0$	3	
$\tau_{1-}^{\#1\alpha} == 0$	3	
$\sigma_{1-}^{\#1\alpha} == \sigma_{1-}^{\#2\alpha}$	3	
$\tau_{1+}^{\#1\alpha\beta} + i k \sigma_{1+}^{\#2\alpha\beta} == 0$	3	
$\tau_{2+}^{\#1\alpha\beta} - 2i k \sigma_{2+}^{\#1\alpha\beta} == 0$	5	
Total constraints:	19	

$\sigma_{2+}^{\#1} \dagger^{\alpha\beta}$	$\frac{2}{(1+2k^2)^2 t_1}$	$-\frac{2i\sqrt{2}k}{(1+2k^2)^2 t_1}$	$\sigma_{2-}^{\#1} \alpha\beta\chi$	0
$\tau_{2+}^{\#1} \dagger^{\alpha\beta}$	$\frac{2i\sqrt{2}k}{(1+2k^2)^2 t_1}$	$\frac{4k^2}{(1+2k^2)^2 t_1}$		0
$\sigma_{2-}^{\#1} \dagger^{\alpha\beta\chi}$	0	0		$\frac{2}{t_1}$

$\sigma_{0+}^{\#1} \dagger$	$\frac{1}{6k^2 r_3}$	0	0	0
$\tau_{0+}^{\#1} \dagger$	0	0	0	0
$\tau_{0+}^{\#2} \dagger$	0	0	0	0
$\sigma_{0-}^{\#1} \dagger$	0	0	0	$\frac{1}{k^2 r_2 - t_1}$

$\omega_{0+}^{\#1} \dagger$	$6k^2 r_3$	0	0	0
$f_{0+}^{\#1} \dagger$	0	0	0	0
$f_{0+}^{\#2} \dagger$	0	0	0	0
$\omega_{0-}^{\#1} \dagger$	0	0	0	$k^2 r_2 - t_1$

$\omega_{2+}^{\#1} \dagger^{\alpha\beta}$	$\frac{t_1}{2}$	$-\frac{ik t_1}{\sqrt{2}}$	$f_{2+}^{\#1} \dagger^{\alpha\beta}$	$\omega_{2-}^{\#1} \alpha\beta\chi$	0
$f_{2+}^{\#1} \dagger^{\alpha\beta}$	$\frac{ik t_1}{\sqrt{2}}$	$k^2 t_1$			0
$\omega_{2-}^{\#1} \dagger^{\alpha\beta\chi}$	0	0			$\frac{t_1}{2}$