

## Wave operator and propagator

$\Delta_{2^+ \alpha\beta}^{\#1}$	$\Delta_{2^+ \alpha\beta}^{\#2}$	$\Delta_{2^+ \alpha\beta}^{\#3}$	$\mathcal{T}_{2^+ \alpha\beta}^{-1}$	$\Delta_{2^+ \alpha\beta\chi}^{\#1}$	$\Delta_{2^+ \alpha\beta\chi}^{\#2}$
$\frac{4(a_0-11a_1k^2)}{a_0^2}$	$-\frac{40\sqrt{\frac{2}{3}}a_1k^2}{a_0^2}$	$-\frac{80a_1k^2}{\sqrt{3}a_0^2}$	$-\frac{44i\sqrt{2}a_1k}{a_0^2}$	0	0
$-\frac{40\sqrt{\frac{2}{3}}a_1k^2}{a_0^2}$	$-\frac{2(3a_0+a_1k^2)}{3a_0^2}$	$-\frac{2\sqrt{2}a_1k^2}{3a_0^2}$	$-\frac{80ia_1k}{\sqrt{3}a_0^2}$	0	0
$-\frac{80a_1k^2}{\sqrt{3}a_0^2}$	$-\frac{2\sqrt{2}a_1k^2}{3a_0^2}$	$\frac{4(3a_0-a_1k^2)}{3a_0^2}$	$-\frac{80i\sqrt{\frac{2}{3}}a_1k}{a_0^2}$	0	0
$\frac{44i\sqrt{2}a_1k}{a_0^2}$	$\frac{80ia_1k}{\sqrt{3}a_0^2}$	$\frac{80i\sqrt{\frac{2}{3}}a_1k}{a_0^2}$	$-\frac{8(a_0+11a_1k^2)}{a_0^2k^2}$	0	0
0	0	0	0	$\frac{4}{a_0a_1k^2}$	0
0	0	0	0	0	$\frac{4}{a_0\cdot 5a_1k^2}$

Source constraints		
SO(3) irreps	Fundamental fields	Multiplicities
$\mathcal{T}_0^{\#2} = 0$	$\partial_\beta \partial_\alpha \mathcal{T}^{\alpha\beta} = 0$	1
$\Delta_0^{\#3} + 2 \Delta_0^{\#4} + 3 \Delta_0^{\#2} = 0$	$\partial_\alpha \Delta^\alpha_\beta = 0$	1
$\mathcal{T}_1^{\#1\alpha} = 0$	$\partial_\chi \partial_\beta \partial^\alpha \mathcal{T}^{\beta\chi} = \partial_\chi \partial^\alpha \partial_\beta \mathcal{T}^{\alpha\beta}$	3
$2 \Delta_1^{\#6\alpha} + \Delta_1^{\#4\alpha} + 2 \Delta_1^{\#5\alpha} + \Delta_1^{\#3\alpha} = 0$	$\partial_\beta \partial^\alpha \Delta^{\beta\chi}_\chi = \partial_\chi \partial^\alpha \Delta^{\alpha\beta}_\beta$	3
Total constraints/gauge generators:		8

$\frac{1}{4}(a_0 + 11a_1k^2)$	$-5\sqrt{\frac{2}{3}}a_1k^2$	$\frac{5a_1k^2}{\sqrt{3}}$	$-\frac{11a_1k^3}{4\sqrt{2}}$	0	0
$-5\sqrt{\frac{2}{3}}a_1k^2$	$\frac{1}{6}(-3a_0 + a_1k^2)$	$-\frac{a_1k^2}{6\sqrt{2}}$	$\frac{5a_1k^3}{\sqrt{3}}$	0	0
$\frac{5a_1k^2}{\sqrt{3}}$	$-\frac{a_1k^2}{6\sqrt{2}}$	$\frac{1}{12}(3a_0 + a_1k^2)$	$-\frac{5a_1k^3}{\sqrt{6}}$	0	0
$\frac{11a_1k^3}{4\sqrt{2}}$	$-\frac{5a_1k^3}{\sqrt{3}}$	$-\frac{1}{8}k^2(a_0 - 11a_1k^2)$		0	0
0	0	0	$\frac{1}{4}(a_0 - a_1k^2)$	$\frac{1}{4}(a_0 - 5a_1k^2)$	
0	0	0	0	0	$\frac{1}{4}(a_0 - 5a_1k^2)$

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** MassiveAnalysisOfSector... Null
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