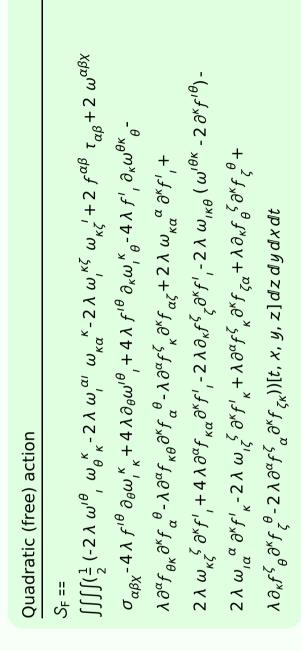
## Particle spectrograph

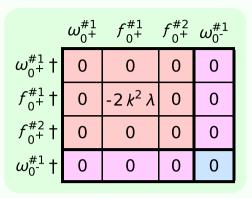
## Wave operator and propagator

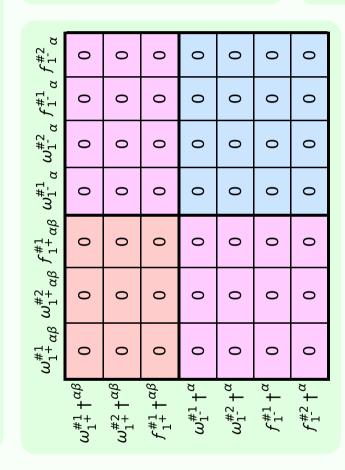


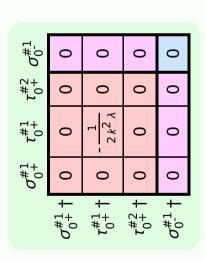
Source constraints/gauge generators				
SO(3) irreps	Multiplicities			
$\sigma_{0}^{\#1} == 0$	1			
$\tau_{0+}^{#2} == 0$	1			
$\sigma_{0^{+}}^{#1} == 0$	1			
$\tau_{1}^{\#2\alpha} == 0$	3			
$\tau_{1}^{\#1}{}^{\alpha} == 0$	3			
$\sigma_{1}^{\#2\alpha} == 0$	3			
$\sigma_{1}^{\#1\alpha} == 0$	3			
$\tau_{1^{+}}^{\#1\alpha\beta} == 0$	3			
$\sigma_{1}^{\#2\alpha\beta} == 0$	3			
$\sigma_{1}^{\#1}{}^{\alpha\beta}$ == 0	3			
$\sigma_2^{\#1\alpha\beta\chi} == 0$	5			
$\sigma_{2+}^{\#1\alpha\beta} == 0$	5			
Total constraints:	34			

	$\omega_{2^{+}\alpha\beta}^{\#1}$	$f_{2+\alpha\beta}^{\#1}$	$\omega_{2-\alpha\beta\chi}^{\#1}$
$\omega_{2^{+}}^{\sharp 1}\dagger^{lphaeta}$	0	0	0
$f_{2}^{#1} \dagger^{\alpha\beta}$	0	$k^2 \lambda$	0
$\omega_{2^{-}}^{\#1}\dagger^{lphaeta\chi}$	0	0	0

	$\sigma_{2^{+}\alpha\beta}^{\#1}$	$ au_{2}^{\#1}{}_{lphaeta}$	$\sigma_{2}^{\#1}{}_{\alpha\beta\chi}$
$\sigma_{2}^{\#1} \dagger^{\alpha\beta}$	0	0	0
$ au_{2}^{\#1} \dagger^{lphaeta}$	0	$\frac{1}{k^2 \lambda}$	0
$\sigma_2^{\sharp 1} \dagger^{\alpha\beta\chi}$	0	0	0

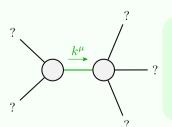






$\sigma_{1+}^{\#1}$	$\int_{1}^{\#1} +^{\alpha\beta} = 0$	$\frac{\#2}{1} + \frac{\alpha\beta}{1}$	$\tau_1^{\#_1} + \alpha \beta = 0$	$\sigma_{1}^{\#1} +^{lpha} = 0$	$\sigma_1^{\#2} + \alpha$	$\tau_1^{\#1} + ^{\alpha}$ 0	$\tau_{1}^{\#2} +^{\alpha}$ 0
$^{1}_{\alpha\beta}$	0	0	)	)	0	(	(
$\alpha \beta \sigma_{1}^{\#2} $	0	0	0	0	0	0	0
$\tau_1^{\#1}$	0	0	0	0	0	0	0
$lpha eta \; \sigma_{1^{ ext{-}} lpha}^{\# 1}$	0	0	0	0	0	0	0
$\sigma_{1^{-}\alpha}^{\#2}$	0	0	0	0	0	0	0
$\tau_{1^{-}}^{\#1}\alpha$	0	0	0	0	0	0	0
$ au_1^{\#}$	)	)		)	)	)	)

## Massive and massless spectra



Quadratic pole			
Pole residue: $\frac{1}{\lambda} > 0$			
Polarisations:	2		

(No massive particles)

Unitarity conditions