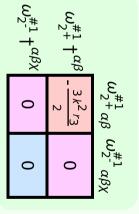
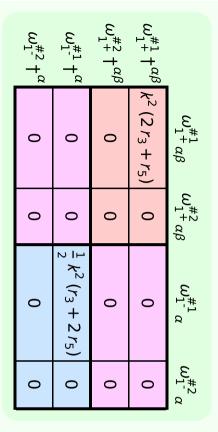
## Lagrangian density

 $-\frac{1}{2}r_{3}\partial_{i}\omega^{\kappa\lambda}_{\kappa}\partial^{i}\omega_{\lambda}^{\alpha}{}_{\alpha}-r_{5}\partial_{i}\omega^{\kappa\lambda}_{\kappa}\partial^{i}\omega_{\lambda}^{\alpha}{}_{\alpha}+\frac{1}{2}r_{3}\partial_{\alpha}\omega_{\lambda}^{\alpha}{}_{\theta}\partial_{\kappa}\omega^{\theta\kappa\lambda} r_{5}\partial_{\alpha}\omega_{\lambda}^{\alpha}{}_{\theta}\partial_{\kappa}\omega^{\theta\kappa\lambda}-\frac{1}{2}r_{3}\partial_{\theta}\omega_{\lambda}^{\alpha}{}_{\alpha}\partial_{\kappa}\omega^{\theta\kappa\lambda}+r_{5}\partial_{\theta}\omega_{\lambda}^{\alpha}{}_{\alpha}\partial_{\kappa}\omega^{\theta\kappa\lambda} \frac{1}{2}r_{3}\partial_{\alpha}\omega_{\lambda}^{\alpha}{}_{\theta}\partial_{\kappa}\omega^{\kappa\lambda\theta}-r_{5}\partial_{\alpha}\omega_{\lambda}^{\alpha}{}_{\theta}\partial_{\kappa}\omega^{\kappa\lambda\theta}+r_{3}\partial_{\theta}\omega_{\lambda}^{\alpha}{}_{\alpha}\partial_{\kappa}\omega^{\kappa\lambda\theta}+$   $2r_{5}\partial_{\theta}\omega_{\lambda}^{\alpha}{}_{\alpha}\partial_{\kappa}\omega^{\kappa\lambda\theta}-4r_{3}\partial^{\beta}\omega_{i}^{\lambda\alpha}\partial_{\lambda}\omega_{\alpha\beta}^{i}-\frac{1}{2}r_{3}\partial_{\alpha}\omega_{\lambda}^{\alpha}{}_{\theta}\partial^{\lambda}\omega^{\theta\kappa}_{\kappa}+$   $r_{5}\partial_{\alpha}\omega_{\lambda}^{\alpha}{}_{\theta}\partial^{\lambda}\omega^{\theta\kappa}_{\kappa}+\frac{1}{2}r_{3}\partial_{\theta}\omega_{\lambda}^{\alpha}{}_{\alpha}\partial^{\lambda}\omega^{\theta\kappa}_{\kappa}-r_{5}\partial_{\theta}\omega_{\lambda}^{\alpha}{}_{\alpha}\partial^{\lambda}\omega^{\theta\kappa}_{\kappa}$ 

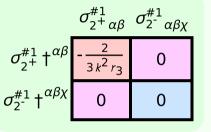
Added source term:	$\omega^{\alpha\beta\chi}$	$\sigma_{\alpha\beta\chi}$
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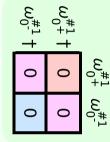
_	$\sigma_{1^{+}lphaeta}^{\#1}$	$\sigma_{1}^{\#2}{}_{\alpha\beta}$	$\sigma_{1^- lpha}^{\# 1}$	$\sigma_{1}^{\#2}$ $\alpha$
$\sigma_{1}^{\#1} \dagger^{\alpha\beta}$	$\frac{1}{k^2(2r_3+r_5)}$	0	0	0
$\sigma_{1}^{\#2} \dagger^{\alpha\beta}$	0	0	0	0
$\sigma_{1}^{\#1}\dagger^{lpha}$	0	0	$\frac{2}{k^2(r_3+2r_5)}$	0
$\sigma_{1}^{#2} \dagger^{\alpha}$	0	0	0	0

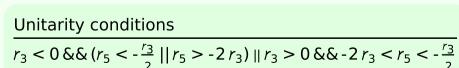


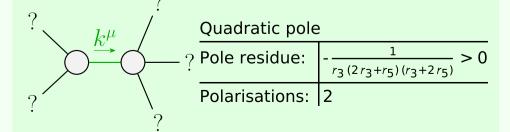


Total #:	$\sigma_{2^{-}}^{\#1\alpha\beta\chi} == 0$	$\sigma_{1+}^{\#2\alpha\beta} == 0$	$\sigma_{1}^{\#2\alpha} == 0$	$\sigma_{0+}^{\#1} == 0$	$\sigma_{0^{-}}^{\#1} == 0$	SO(3) irreps	Source constraints
13	5	3	3	1	1	#	traints









(No massive particles)