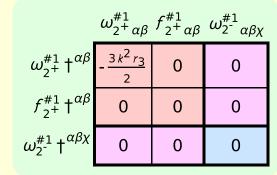
$\tau_{1}^{\#2}{}_{\alpha}$	0	0	0	0	0	0	0
$\tau_{1^{-}\alpha}^{\#1}$	0	0	0	0	0	0	0
$\sigma_{1^-}^{\#1}{}_{lpha}\;\sigma_{1^-}^{\#2}{}_{lpha}$	0	0	0	0	0	0	0
$\sigma_{1}^{\#1}{}_{lpha}$	0	0	0	0	0	0	0
$\tau_{1}^{\#1}{}_{+}\alpha\beta$	$-\frac{2i\sqrt{2}}{3kr_3+3k^3r_3}$	$\frac{i(9k^2r_3+4t_2)}{3k(1+k^2)^2r_3t_2}$	$\frac{9k^2r_3+4t_2}{3(1+k^2)^2r_3t_2}$	0	0	0	0
$\sigma_1^{\#2}_+ _{\alpha\beta}$	$-\frac{2\sqrt{2}}{3k^2r_3+3k^4r_3}$	$\frac{9k^2r_3+4t_2}{3(k+k^3)^2r_3t_2}$	$-\frac{i(9k^2r_3+4t_2)}{3k(1+k^2)^2r_3t_2}$	0	0	0	0
$\sigma_{1}^{\#1}{}_{\!$	$\frac{2}{3k^2r_3}$	$-\frac{2\sqrt{2}}{3k^2r_3+3k^4r_3}$	$\frac{2i\sqrt{2}}{3kr_3+3k^3r_3}$	0	0	0	0
·	$\sigma_{1}^{\#1} \dagger^{\alpha\beta}$	$\sigma_{1}^{\#2} + \alpha \beta$	$t_1^{#1} + \alpha \beta$	$\sigma_{1}^{\#1} +^{\alpha}$	$\sigma_{1}^{\#2} +^{\alpha}$	$\tau_{1}^{\#1} +^{\alpha}$	$\tau_{1}^{\#2} +^{\alpha}$

Lagrangian density	$rac{2}{3}t_2\;\omega_{_I}^{_{K}\lambda}\;\omega_{_{K}\lambda}^{_{L}}+rac{1}{3}t_2\;\omega_{_{K}\lambda}^{_{L}}\;\omega_{^{K}\lambda}^{_{L}}+f^{lphaeta}\; au_{_{R}eta}+\omega_{^{lphaeta\chi}}$	$rac{2}{3} r_2 \partial^{eta} \omega^{eta lpha}_{\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $	$r_3 \partial_\alpha \omega_\lambda^{\ \alpha} \partial_\kappa \omega^{\theta \kappa \lambda} - r_3 \partial_\theta \omega_\lambda^{\ \alpha} \partial_\kappa \omega^{\theta \kappa \lambda} + \frac{1}{6} t_2 \partial^\alpha f_{\theta \kappa} \partial^\kappa f_{\alpha}^{\ \theta - \frac{1}{6}} t_2 \partial^\alpha f_{\kappa \theta} \partial^\kappa f_{\alpha}^{\ \theta} +$	$\frac{1}{6}t_{2}\partial^{\alpha}f^{\lambda}_{\ \ \ }\partial^{\kappa}f_{\alpha\lambda} + \frac{1}{3}t_{2}\ \omega_{,\theta\kappa}\ \partial^{\kappa}f^{,\theta} - \frac{2}{3}t_{2}\ \omega_{,\kappa\theta}\ \partial^{\kappa}f^{,\theta} - \frac{1}{3}t_{2}\ \omega_{\theta\kappa}\ \partial^{\kappa}f^{,\theta} +$	$\frac{2}{3}t_{2}\ \omega_{\theta K I}\ \partial^{K}f^{I\theta} - \frac{1}{6}t_{2}\ \partial^{\alpha}f^{\lambda}\ \partial^{K}f_{\lambda\alpha} - \frac{1}{6}t_{2}\ \partial_{\kappa}f_{\beta}\ \partial^{K}f_{\lambda}\ \theta + \frac{1}{6}t_{2}\ \partial_{\kappa}f^{\lambda}\ \theta \partial^{K}f_{\lambda}\ \theta +$	$\frac{1}{3}r_2\partial_\kappa\omega^{\alpha\beta\theta}\partial^\kappa\omega_{\alpha\beta\theta} + \frac{2}{3}r_2\partial_\kappa\omega^{\theta\alpha\beta}\partial^\kappa\omega_{\alpha\beta\theta} - \frac{2}{3}r_2\partial^\beta\omega_{\alpha}{}'^{\alpha\lambda}\partial_\lambda\omega_{\alpha\beta}' +$	$\frac{2}{3}r_2\partial^\beta\omega_{,}{}^{\lambda\alpha}\partial_\lambda\omega_{\alpha\beta}{}^{\prime}-4r_3\partial^\beta\omega_{,}{}^{\lambda\alpha}\partial_\lambda\omega_{\alpha\beta}{}^{\prime}-r_3\partial_\alpha\omega_{,}{}^{\alpha}\partial^\lambda\omega_{,}{}^{\theta\kappa}+r_3\partial_\theta\omega_{,}{}^{\alpha}\partial^\lambda\omega_{,}{}^{\theta\kappa}$
							7K X

0 0 0
0 0 0
0 0
0
0
0
0
$f_{1}^{\#2} + ^{lpha}$



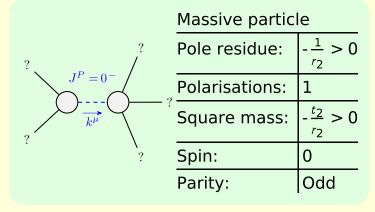
Source constraints					
SO(3) irreps					
$\tau_{0+}^{\#2} == 0$	1				
$\tau_{0^{+}}^{\#1} == 0$	1				
$\sigma_{0^{+}}^{\#1} == 0$	1				
$\tau_{1}^{\#2\alpha} == 0$	3				
$\tau_{1}^{\#1}{}^{\alpha} == 0$	3				
$\sigma_1^{\#2\alpha} == 0$	3				
$\sigma_1^{\#1\alpha} == 0$	3				
$\tau_{1+}^{\#1}{}^{\alpha\beta} + i k \sigma_{1+}^{\#2}{}^{\alpha\beta} == 0$	3				
$\sigma_2^{\#1\alpha\beta\chi} == 0$	5				
$\tau_{2+}^{\#1\alpha\beta} == 0$	5				
Total #:	28				

$\sigma_0^{\sharp 1}$	†	0	0	0		1 2 _{r2} -	+t ₂
1.					+ 22		
$\omega_{0^{\text{-}}}^{\#1}$	0	0	C	. 2.	$K^{-}V_{2}+U_{2}$		
$f_{0}^{\#2}$	0	0	C)		
$f_{0}^{\#1}$	0	0	C		0		σ
$\omega_{0}^{\#1}$	0	0	O		0		τ
	$\omega_{0}^{\#1} \uparrow$	$f_{0}^{\#1}$ \dagger	f#2 +	, 0 ⁺ - , #1 +	 ™		$\sigma_2^{\#}$

 $\sigma_{0^{+}}^{\#1} \ \tau_{0^{+}}^{\#1} \ \tau_{0^{+}}^{\#2} \ \sigma_{0^{-}}^{\#1}$

0

	$\sigma_{2^{+}lphaeta}^{\sharp1}$	$\tau_{2}^{\#1}_{lpha\beta}$	$\sigma_{2^{-} \alpha \beta \chi}^{\# 1}$
$\sigma_{2^{+}}^{\sharp 1} \dagger^{\alpha \beta}$	$-\frac{2}{3k^2r_3}$	0	0
$\tau_2^{\#1} \dagger^{\alpha\beta}$	0	0	0
$\sigma_2^{\#1} \dagger^{\alpha\beta\chi}$	0	0	0



Unitarity conditions $r_2 < 0 \&\& t_2 > 0$

(No massless particles)