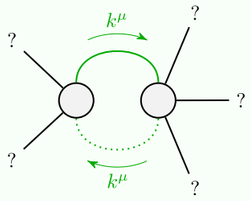
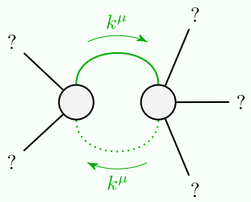
(Unitarity is demonstrably impossible)



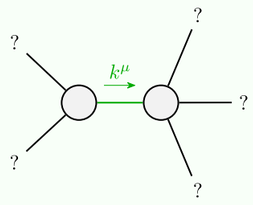
Quartic pole

Pole residue:	$0 < \frac{6\,\alpha+3\,\beta-\sqrt{3}\ \sqrt{12\,\alpha^2+12\,\alpha\,\beta+19\,\beta^2+64\,(\alpha-\beta)^2\,p^2}}{\alpha\,(\alpha-\beta)}$ && $\frac{6\,\alpha+3\,\beta-\sqrt{3}\ \sqrt{12\,\alpha^2+12\,\alpha\,\beta+19\,\beta^2+64\,(\alpha-\beta)^2\,p^2}}{\alpha\,(\alpha-\beta)} > 0$
Polarisations:	1



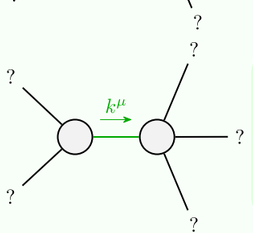
Quartic pole

Pole residue:	$0 < \frac{6\,\alpha+3\,\beta+\sqrt{3}\ \sqrt{12\,\alpha^2+12\,\alpha\,\beta+19\,\beta^2+64\,(\alpha-\beta)^2\,p^2}}{\alpha\,(\alpha-\beta)}$ && $\frac{6\,\alpha+3\,\beta+\sqrt{3}\ \sqrt{12\,\alpha^2+12\,\alpha\,\beta+19\,\beta^2+64\,(\alpha-\beta)^2\,p^2}}{\alpha\,(\alpha-\beta)} > 0$
Polarisations:	1



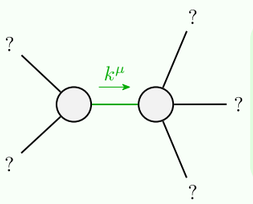
Quadratic pole

Pole residue:	$\frac{-2\,\alpha+\beta+\sqrt{20\,\alpha^2-36\,\alpha\,\beta+17\,\beta^2}}{\alpha\,(\alpha-\beta)} > 0$
Polarisations:	1



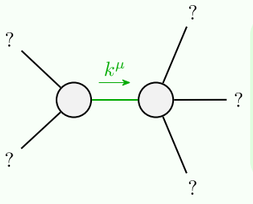
Quadratic pole

Pole residue:	$-\frac{1}{\alpha}+\frac{5}{-\alpha+\beta} > 0$
Polarisations:	1



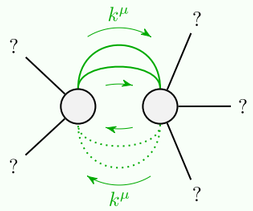
Quadratic pole

Pole residue:	$\frac{1}{\alpha}+\frac{1}{\alpha-\beta} > 0$
Polarisations:	2



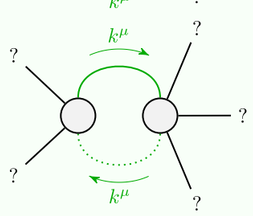
Quadratic pole

Pole residue:	$\frac{1}{\alpha}+\frac{5}{\alpha-\beta} > 0$
Polarisations:	1



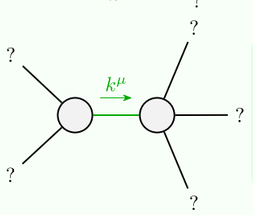
Hexic pole

Pole residue:	$0 < \frac{2\,\alpha+\beta}{\alpha^2-\alpha\,\beta}$ && $\frac{2\,\alpha+\beta}{\alpha^2-\alpha\,\beta} > 0$
Polarisations:	1



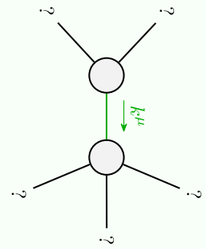
Quartic pole

Pole residue:	$0 < \frac{\beta}{\alpha^2-\alpha\,\beta}$ && $\frac{\beta}{\alpha^2-\alpha\,\beta} > 0$
Polarisations:	2



Quadratic pole

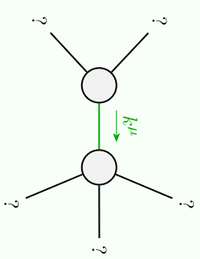
Pole residue:	$-\frac{1}{\alpha}+\frac{1}{-\alpha+\beta} > 0$
Polarisations:	2



Quadratic pole

Pole residue:	$-\frac{1}{\alpha} > 0$
Polarisations:	2

(No massive particles)



(No source constraints)

Lagrangian density

$$h^{\alpha\beta}\,\mathcal{T}_{\alpha\beta}+\frac{1}{2}\,\alpha\,\partial_\beta h^\chi{}_\chi\,\partial^\beta h^\alpha{}_\alpha+\beta\,\partial_\alpha h^{\alpha\beta}\,\partial_\chi h_\beta{}^\chi-\alpha\,\partial^\beta h^\alpha{}_\alpha\,\partial_\chi h_\beta{}^\chi-\frac{1}{2}\,\alpha\,\partial_\chi h_{\alpha\beta}\,\partial^\chi h^{\alpha\beta}$$

$h^{\#1}_{0^+}\,\mathcal{T}^{\#1}_{0^+}$ + $h^{\#2}_{0^+}\,\mathcal{T}^{\#2}_{0^+}$

	$h^{\#1}_{0^+}$	$h^{\#2}_{0^+}$
$\mathcal{T}^{\#1}_{0^+}$	$\alpha\,k^2$	0
$\mathcal{T}^{\#2}_{0^+}$	0	$(-\alpha+\beta)\,k^2$

$h^{\#1}_{0^+}\,\mathcal{T}^{\#1}_{0^+}$ + $h^{\#2}_{0^+}\,\mathcal{T}^{\#2}_{0^+}$

	$\mathcal{T}^{\#1}_{0^+}$	$\mathcal{T}^{\#2}_{0^+}$
$h^{\#1}_{0^+}$	$\frac{1}{\alpha\,k^2}$	0
$h^{\#2}_{0^+}$	0	$\frac{1}{(-\alpha+\beta)\,k^2}$

$h^{\#1}_{2^+}{}^{\alpha\beta}\,\mathcal{T}^{\#1}_{2^+}{}_{\alpha\beta}$

	$\mathcal{T}^{\#1}_{2^+}{}_{\alpha\beta}$
$h^{\#1}_{2^+}{}^{\alpha\beta}$	$-\frac{2}{\alpha\,k^2}$

$h^{\#1}_{1^-}{}^\alpha\,\mathcal{T}^{\#1}_{1^-}{}_\alpha$

	$\mathcal{T}^{\#1}_{1^-}{}_\alpha$
$h^{\#1}_{1^-}{}^\alpha$	$-\frac{2}{(\alpha-\beta)\,k^2}$

$h^{\#1}_{1^-}{}^\alpha\,h^{\#1}_{1^-}{}_\alpha$

	$h^{\#1}_{1^-}{}_\alpha$
$h^{\#1}_{1^-}{}^\alpha$	$\frac{1}{2}\,(-\alpha+\beta)\,k^2$

$h^{\#1}_{2^+}{}^{\alpha\beta}\,h^{\#1}_{2^+}{}_{\alpha\beta}$

	$h^{\#1}_{2^+}{}_{\alpha\beta}$
$h^{\#1}_{2^+}{}^{\alpha\beta}$	$-\frac{\alpha\,k^2}{2}$