Lagrangian density

$$-2\,\alpha\,\partial_\alpha\mathcal{B}_\beta\partial^\beta\mathcal{B}^\alpha+2\,\alpha\,\partial_\beta\mathcal{B}_\alpha\partial^\beta\mathcal{B}^\alpha$$

Added source term:	$\mathcal{B}^\alpha\ \mathcal{J}_\alpha$

Source constraints

SO(3) irreps	#
$\mathcal{J}_{0^+}^{\#1} == 0$	1
Total #:	1

$\mathcal{J}_{1^-}^{\#1}$ + α

$\frac{1}{2\,\alpha k^2}$

$\mathcal{J}_{1^-}^{\#1}$ α

$\mathcal{B}_{1^-}^{\#1}$ + α

$2\,\alpha k^2$

$\mathcal{B}_{1^-}^{\#1}$ α

$\mathcal{J}_{0^+}^{\#1}$ +

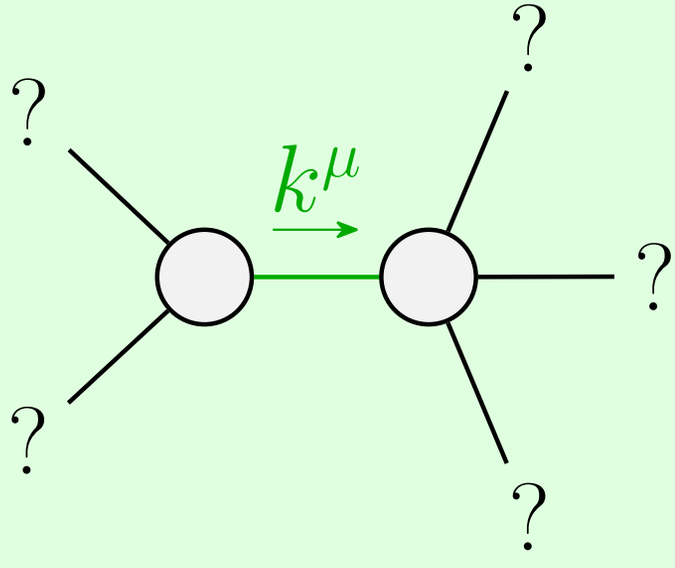
0

$\mathcal{J}_{0^+}^{\#1}$

$\mathcal{B}_{0^+}^{\#1}$ +

0

$\mathcal{B}_{0^+}^{\#1}$



Quadratic pole

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

Unitarity conditions

$\alpha < 0$

(No massive particles)