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

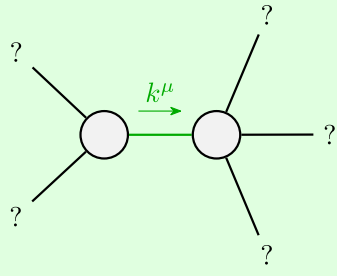
$\mathcal{B}_{0^+}^{\#1}$ + 0 $\mathcal{J}_{0^+}^{\#1}$

$\mathcal{B}_{1^-}^{\#1}{}_\alpha$ + $2\,\alpha\,k^2$ $\mathcal{J}_{1^-}^{\#1}{}_\alpha$

$\mathcal{B}_{1^-}^{\#1}{}_\alpha$ + $\frac{1}{2\,\alpha\,k^2}$ $\mathcal{J}_{1^-}^{\#1}{}_\alpha$

Unitarity conditions

$\alpha < 0$



Quadratic pole

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

(No massive particles)