Lagrangian density

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

Source constraints

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

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

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

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

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

$\mathcal{B}^{\#1}_{1^-} \dagger^{\alpha}$

| $2\,\alpha k^2$ |

$\mathcal{B}^{\#1}_{1^-}{}_{\alpha}$

$\mathcal{J}^{\#1}_{1^-} \dagger^{\alpha}$

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

$\mathcal{J}^{\#1}_{1^-}{}_{\alpha}$

Quadratic pole

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

(No massive particles)

$\alpha < 0$