

$$\frac{a_{\bullet 0}}{2} \mathcal{F} + \frac{1}{2} c_{\bullet 8} \mathcal{F}^{(13)}_{mn} \mathcal{F}^{(13)mn} - \frac{1}{2} c_{\bullet 8} \mathcal{F}^{(13)mn} \mathcal{F}^{(13)}_{nm} \quad (1)$$

$$\begin{aligned} & -\frac{1}{2} a_{\bullet 0} \mathcal{A}^{abc} \mathcal{A}_{bca} + \frac{1}{2} a_{\bullet 0} \mathcal{A}^a{}_a{}^b \mathcal{A}^c{}_{bc} - \frac{1}{4} a_{\bullet 0} h^c{}_c \partial_b \mathcal{A}^a{}_a{}^b + \frac{1}{4} a_{\bullet 0} h^c{}_c \partial_b \mathcal{A}^{ab}{}_a - \frac{1}{2} a_{\bullet 0} h_{ac} \partial_b \mathcal{A}^{abc} + \frac{1}{2} a_{\bullet 0} h_{bc} \partial^c \mathcal{A}^a{}_a{}^b - \\ & \frac{1}{2} c_{\bullet 8} \partial_b \mathcal{A}^d{}_{dc} \partial^c \mathcal{A}^a{}_a{}^b + \frac{1}{2} c_{\bullet 8} \partial_c \mathcal{A}^d{}_{db} \partial^c \mathcal{A}^a{}_a{}^b + \frac{1}{2} c_{\bullet 8} \partial_b \mathcal{A}^{abc} \partial_d \mathcal{A}^d{}_{ac} + c_{\bullet 8} \partial^c \mathcal{A}^a{}_a{}^b \partial_d \mathcal{A}^d{}_{bc} - \frac{1}{2} c_{\bullet 8} \partial_b \mathcal{A}^{abc} \partial_d \mathcal{A}^d{}_{ca} - c_{\bullet 8} \partial^c \mathcal{A}^a{}_a{}^b \partial_d \mathcal{A}^d{}_{cb} \end{aligned} \quad (2)$$