

$$\begin{aligned}
& -2 \pi_{bc} (\mathcal{D}_a s^c) (\mathcal{D}^b f^a) + 2 \pi_{ab} (\mathcal{D}^b f^a) (\mathcal{D}_c s^c) + 2 s^a (\mathcal{D}_a \pi_{bc}) (\mathcal{D}^c f^b) - \\
& -2 \pi_{ac} (\mathcal{D}^b f^a) (\mathcal{D}^c s_b) - 2 f^a (\mathcal{D}_a \pi_{bc}) (\mathcal{D}^c s^b)
\end{aligned}$$