$$\begin{cases}
-\frac{1}{2} \mathcal{A}_{bca1} h_{a}^{a1} - \frac{1}{3} \mathcal{A}_{ca1b1} \hat{\eta}_{ab} h^{a1b1} - \\
\frac{1}{2} \mathcal{A}_{aca1} h_{b}^{a1} - \frac{(\mathcal{D}\mathcal{T})^{\parallel}_{c} \hat{\eta}_{ab}}{3\mathcal{T}} + \frac{(\mathcal{D}\mathcal{T})^{\parallel}_{b} \hat{\eta}_{ac}}{2\mathcal{T}} + \\
\frac{(\mathcal{D}\mathcal{T})^{\parallel}_{a} \hat{\eta}_{bc}}{2\mathcal{T}} + \frac{1}{2} \mathcal{A}_{bcb1} h^{a1b1} n_{a}^{a1b1} n_{a}^{a1} + \\
\frac{1}{2} \mathcal{A}_{acb1} h^{a1b1} n_{a1}^{a1} n_{b}^{-\frac{1}{2}} \mathcal{A}_{cb1a1} h_{b}^{a1} n_{a}^{a1} + \\
\frac{1}{2} \mathcal{A}_{cb1a1} h_{a}^{a1b1} n_{a1}^{a1} n_{b}^{-\frac{1}{2}} \mathcal{A}_{cb1a1} h_{b}^{a1} n_{a}^{a1} + \\
\frac{1}{2} \mathcal{A}_{cb1a1} h_{a}^{a1} n_{b}^{a1} n_{b}^{b1} + \frac{1}{2} (\mathcal{D}n)^{\parallel}_{ab} n_{c}^{c} + \\
\frac{1}{2} (\mathcal{D}n)^{\parallel}_{ba} n_{c}^{-\frac{1}{3}} (\mathcal{D}n)^{\parallel}_{a1} n_{a}^{a1} \hat{\eta}_{ab}^{ab} n_{c}^{c} + \\
\frac{1}{3} \mathcal{A}_{cc1b1} \hat{\eta}_{ab}^{a1b1} n_{a}^{a1b1} n_{a1}^{a1} n^{c1} + \\
\mathcal{A}_{cc1b1} h^{a1b1} n_{a}^{a1b1} n_{a}^{a1} n_{b}^{a1} n^{c1}, 0, \\
\frac{1}{2} \hat{\eta}_{bc} h_{a}^{V} - \frac{1}{2} \hat{\eta}_{ac}^{c} h_{b}^{V} + \frac{1}{3} \hat{\eta}_{ab}^{c} h_{c}^{V} + \\
\frac{1}{2} \hat{\eta}_{bc}^{c} h^{a1V} n_{a}^{a1} n_{a1}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} n_{b}^{c} + \\
\frac{1}{3} \hat{\eta}_{ab}^{c} h^{a1V} n_{a}^{c} n_{a1}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} n_{b}^{c} + \\
\frac{1}{3} \hat{\eta}_{ab}^{c} h^{a1V} n_{a1}^{c} n_{c}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} n_{b}^{c} + \\
\frac{1}{3} \hat{\eta}_{ab}^{c} h^{a1V} n_{a1}^{c} n_{c}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} n_{b}^{c} + \\
\frac{1}{3} \hat{\eta}_{ab}^{c} h^{a1V} n_{a1}^{c} n_{c}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} n_{c}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} n_{a1}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{c} + \frac{1}{2} \hat{\eta}_{ac}^{c} h^{a1V} n_{a1}^{$$