

$$\left\{ \mathcal{A}_{ka}^i h_j^a - \mathcal{A}_{ja}^i h_k^a + h_j^a h_k^{a1} \partial_{ab}^i \partial_{a1} - \right.$$

$$h_j^a h_k^{a1} \partial_{a1} \partial_{ab}^i, \frac{1}{2} \pi_{\mathcal{A}ja1}^b b_i^a \wedge \gamma_{ab} n^{a1} -$$

$$\left. \frac{1}{2} \pi_{\mathcal{A}ia1}^b b_j^a \wedge \gamma_{ab} n^{a1}, (\mathcal{D}n)^{\parallel ij} \right\}$$