

$$\left\{ \mathcal{A}_{ka}^i h_j^a - \mathcal{A}_{ja}^i h_k^a + h_j^a h_k^{a1} \partial_{ab}^i \right. \\
\left. h_j^a h_k^{a1} \partial_{a1}^i b_a^i, -\frac{1}{2} \pi_{\mathcal{A}ja1}^b b_i^a \wedge \gamma_{ab} n^{a1} - \right. \\
\left. -\frac{1}{2} \pi_{\mathcal{A}ia1}^b b_j^a \wedge \gamma_{ab} n^{a1}, D n_{ij} \right\}$$