$$\begin{split} \left\{ \iiint \left(2^{n} \hat{\Lambda}_{Bij} . \mathcal{S}_{(1)}^{ij} \right) \left[x^{0}, x^{1}, x^{2}, x^{3} \right] dx^{3} dx^{2} dx^{1}, \\ \iiint \left(1^{n} \mathcal{T}_{1}^{1} . \mathcal{S}_{(2)}^{1} \right) \left[x^{0}, y^{1}, y^{2}, y^{3} \right] dy^{3} dy^{2} dy^{1} \right\} &\equiv \\ \iiint \left(\frac{1}{6 \mathcal{T}} \left(-2 \left(\mathcal{D} \mathcal{T} \right)_{1}^{1} \eta_{ij}^{1} + 3 \left(\mathcal{D} \mathcal{T} \right)_{j}^{1} \eta_{ij}^{1} + 3 \left(\mathcal{D} \mathcal{T} \right)_{i}^{1} \eta_{ij}^{1} + 3 \left(\mathcal{D} \mathcal{T} \right)_{ij}^{1} \mathcal{T}_{1} \right] \cdot \mathcal{S}_{(1)}^{ij} . \mathcal{S}_{(2)}^{ij} + 4 \right] \\ & 3 \left(\mathcal{D} \eta \right)_{ij}^{1} \mathcal{T}_{1} - 2 \left(\mathcal{D} \eta \right)_{0}^{10} \eta_{ij}^{1} \mathcal{T}_{1} \right) \cdot \mathcal{S}_{(1)}^{ij} . \mathcal{S}_{(2)}^{ij} + 4 \end{split}$$

$$3 \left(\mathcal{D} \, n \right)^{i}_{ji} \, \mathcal{J} \, n_{i} - 2 \left(\mathcal{D} \, n \right)^{i\alpha}_{\alpha} \, \eta^{i}_{ij} \, \mathcal{J} \, n_{i} \right) \cdot S_{(1)}^{ij} \cdot S_{(2)}^{i} +$$

$$\left(\frac{1}{2} \left(-3 \, \eta^{i}_{ij} \, \left(h_{i}^{z} - h^{\alpha z} \, n_{0} \, n_{i} \right) - 3 \, \eta^{i}_{ij} \, \left(h_{i}^{z} - h^{\alpha z} \, n_{0} \, n_{i} \right) + \right) \right)$$

 $\left(\frac{1}{6}\left(-3\eta_{ij}^{\parallel}\left(h_{i}^{z}-h_{i}^{\alpha z}n_{\alpha}n_{i}\right)-3\eta_{il}^{\parallel}\left(h_{j}^{z}-h_{i}^{\alpha z}n_{\alpha}n_{j}\right)+\right.$

 $2 \eta^{\parallel}_{ij} \left(h_{l}^{z} - h^{\alpha z} n_{\alpha} n_{l} \right)$

 $S_{(1)}^{ij}$. D $S_{(2)}^{i}$ $\left[x^{0}, x^{1}, x^{2}, x^{3}\right] dx^{3} dx^{2} dx^{1}$