

$$\left\{ \iiint \left( {}^{2+}_{\bullet} \phi_{bij} \cdot S_{(1)}^{ij} \right) [x^0, x^1, x^2, x^3] dx^3 dx^2 dx^1,$$

$$\iiint \left( {}^{2+}_{\bullet} \phi_{\mathcal{A}lm} \cdot S_{(2)}^{lm} \right) [x^0, y^1, y^2, y^3] dy^3 dy^2 dy^1 \Big\} \approx$$

$$\iiint \left( \frac{1}{12 \mathcal{T}^2} \left( -4 \mathcal{M}_{Pl}^2 \hat{\alpha}_{\bullet 0}^{\phantom{\bullet} 2} \eta^{\parallel ij} \eta^{\parallel lm} \mathcal{T} + 3 \eta^{\parallel jm} {}^{1+}_{\bullet} \pi_{\mathcal{A}il}^{\phantom{\bullet} \hat{}} + \right. \right.$$

$$3 \eta^{\parallel jl} {}^{1+}_{\bullet} \pi_{\mathcal{A}im}^{\phantom{\bullet} \hat{}} + 3 \eta^{\parallel im} \left( 2 \mathcal{M}_{Pl}^2 \hat{\alpha}_{\bullet 0}^{\phantom{\bullet} 2} \eta^{\parallel jl} \mathcal{T} + {}^{1+}_{\bullet} \pi_{\mathcal{A}jl}^{\phantom{\bullet} \hat{}} \right) +$$

$$3 \eta^{\parallel il} \left( 2 \mathcal{M}_{Pl}^2 \hat{\alpha}_{\bullet 0}^{\phantom{\bullet} 2} \eta^{\parallel jm} \mathcal{T} + {}^{1+}_{\bullet} \pi_{\mathcal{A}jm}^{\phantom{\bullet} \hat{}} \right) \Bigg).$$

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