

$$\left\{ \iiint \int \left(\overset{0+}{\underset{\cdot}{\cdot}} \phi_b \cdot S_{(1)} \right) [x^0, x^1, x^2, x^3] dx^3 dx^2 dx^1, \right. \\ \left. \iiint \int \left(\overset{0+}{\underset{\cdot}{\cdot}} \phi_{\mathcal{A}} \cdot S_{(2)} \right) [x^0, y^1, y^2, y^3] dy^3 dy^2 dy^1 \right\} \approx$$

$$\iiint \left(\left(- \frac{6 \mathcal{M}_{\text{Pl}}^2 \overset{\wedge}{\underset{0}{\cdot}} \alpha_{\cdot}}{\mathcal{T}} \right) \cdot S_{(1)} \cdot S_{(2)} \right) [x^0, x^1, x^2, x^3] dx^3 dx^2 dx^1$$