$$\left\{ \iiiint \left({}^{2^+}\phi_{b_{ij}} \cdot \mathcal{S}_{(1)} \right) \left[x^0, x^1, x^2, x^3 \right] dx^3\, dx^2\, dx^1, \right.$$

$$\left. \iiiint \left({}^{2^+}\phi_{b_{lm}} \cdot \mathcal{S}_{(2)} \right) \left[x^0, y^1, y^2, y^3 \right] dy^3\, dy^2\, dy^1 \right\} \approx$$

$$\iiiint \left(\frac{\eta^{\parallel}_{jm} \; {}^{1^+} \hat{\pi}_{b_{il}} + \eta^{\parallel}_{jl} \; {}^{1^+} \hat{\pi}_{b_{im}} + \eta^{\parallel}_{im} \; {}^{1^+} \hat{\pi}_{b_{jl}} + \eta^{\parallel}_{il} \; {}^{1^+} \hat{\pi}_{b_{jm}}}{2\mathcal{J}^2} \cdot \mathcal{S}_{(1)}^{\;\;ij} \cdot \mathcal{S}_{(2)}^{\;\;lm} \right) \Big[$$

$$x^0, x^1, x^2, x^3 \Big] dx^3\, dx^2\, dx^1$$