$$\left\{ {}^{2^+}_{\cdot}\phi_{b\,\mathrm{ij}} \,,\, {}^{2^+}_{\cdot}\phi_{\mathcal{A}\,\mathrm{lm}} \right\} \approx$$

$$\left\{ \frac{\mathcal{M}_{\mathrm{Pl}}{}^2\,\hat{\overset{.}{\alpha}}_0\,\eta^{\parallel}{}_{\mathrm{im}}\,\eta^{\parallel}{}_{\mathrm{jl}}}{2\mathcal{J}} + \frac{\mathcal{M}_{\mathrm{Pl}}{}^2\,\hat{\overset{.}{\alpha}}_0\,\eta^{\parallel}{}_{\mathrm{il}}\,\eta^{\parallel}{}_{\mathrm{jm}}}{2\mathcal{J}} - \frac{\mathcal{M}_{\mathrm{Pl}}{}^2\,\hat{\overset{.}{\alpha}}_0\,\eta^{\parallel}{}_{\mathrm{ij}}\,\eta^{\parallel}{}_{\mathrm{lm}}}{3\mathcal{J}} + \right.$$

$$\left. \frac{\eta^{\parallel}{}_{\mathrm{jm}}\,{}^{1^+}_{\cdot}\hat{\pi}_{\mathcal{A}\,\mathrm{il}}}{4\mathcal{J}^2} + \frac{\eta^{\parallel}{}_{\mathrm{jl}}\,{}^{1^+}_{\cdot}\hat{\pi}_{\mathcal{A}\,\mathrm{im}}}{4\mathcal{J}^2} + \frac{\eta^{\parallel}{}_{\mathrm{im}}\,{}^{1^+}_{\cdot}\hat{\pi}_{\mathcal{A}\,\mathrm{jl}}}{4\mathcal{J}^2} + \frac{\eta^{\parallel}{}_{\mathrm{il}}\,{}^{1^+}_{\cdot}\hat{\pi}_{\mathcal{A}\,\mathrm{jm}}}{4\mathcal{J}^2} \,, 0, 0 \right\}$$