

$$\begin{aligned}
 & -\frac{4}{3} \mathcal{R}^{(1)} + \frac{2}{3} \mathcal{R}^{(2)} + \mathcal{R}^{(3)} + \mathcal{R}^{(4)} + \frac{1}{2} Y^{(1)} \mathcal{R}^{(4)} - \frac{1}{2} Y^{(2)} \mathcal{R}^{(4)} -
 \end{aligned}$$

$$\begin{aligned}
 & -\frac{1}{2} Y^{(1)} \mathcal{R}^{(4)} + \frac{1}{2} Y^{(2)} \mathcal{R}^{(4)} + \frac{1}{2} Y^{(1)} \mathcal{R}^{(5)} - \frac{1}{2} Y^{(2)} \mathcal{R}^{(5)} -
 \end{aligned}$$

$$\begin{aligned}
 & -\frac{1}{2} Y^{(1)} \mathcal{R}^{(5)} + \frac{1}{2} Y^{(2)} \mathcal{R}^{(5)} + \frac{1}{12} Y^{(1)} Y^{(1)} \mathcal{R}^{(6)} - \frac{1}{12} Y^{(1)} Y^{(2)} \mathcal{R}^{(6)}
 \end{aligned}$$