

$$\left\{ \begin{array}{l} \rho^2 \gamma^2 = \mathcal{R}_{21} \rho^1 \gamma^1 + \mathcal{T}_{21} \end{array} \right. \quad (25.6.21)$$

$$\left\{ \begin{array}{l} \rho^3 \gamma^3 = \mathcal{R}_{31} \rho^1 \gamma^1 + \mathcal{T}_{31} \end{array} \right. \quad (25.6.22)$$

$$\left\{ \begin{array}{l} \rho'^2 \gamma^2 + \textcolor{red}{\rho}^2 g^2 t^2 = \mathcal{R}_{21} (\dot{\rho}^1 \gamma^1 + \rho^1 t^1) \end{array} \right. \quad (25.6.23)$$

$$\left\{ \begin{array}{l} \rho'^3 \gamma^3 + \textcolor{red}{\rho}^3 g^3 t^3 = \mathcal{R}_{31} (\dot{\rho}^1 \gamma^1 + \rho^1 t^1) \end{array} \right. \quad (25.6.24)$$