

$$\gamma = \Gamma[\{1, 2, 3\}, \{1, 2, 3\}, \{x_1 \rightarrow \tau_1, x_2 \rightarrow \tau_2, x_3 \rightarrow \tau_3, \xi_1 \rightarrow \tau_1, \xi_2 \rightarrow \tau_2, \xi_3 \rightarrow \tau_3\},$$

$$\omega, a_{11} x_1 \xi_1 + a_{12} x_2 \xi_1 + a_{13} x_3 \xi_1 + a_{21} x_1 \xi_2 + a_{22} x_2 \xi_2 + a_{23} x_3 \xi_2 + a_{31} x_1 \xi_3 +$$
$$a_{32} x_2 \xi_3 + a_{33} x_3 \xi_3];$$

$$\Gamma @ \mathcal{R} @ \gamma = \gamma$$