

$$G \triangleleft_{\rho} \mathbb{C} \ni \gamma$$

$$\int_{dg}^G g \gamma = \int_{dn}^N \int_{da}^A a^{-2\rho} \int_{dk}^K n a^k \gamma = \int_{dn}^N \int_{da}^A e^{-2\rho \log a} \int_{dk}^K n a^k \gamma$$