

$$F_g \quad \begin{array}{c} \hat{c}_i^{-1} = ac \\ \text{---} \curvearrowright \text{---} \\ c_i^{-1} \end{array}$$

$$\begin{array}{cc} \begin{array}{c} a \\ \text{---} \curvearrowright \text{---} \\ c_1, \dots, c_n \end{array} & \begin{array}{c} \hat{a} = a \\ \text{---} \curvearrowright \text{---} \\ b \end{array} \end{array} \quad \begin{array}{c} a^{-1} \\ \text{---} \curvearrowright \text{---} \\ \hat{a}^{-1} = a^{-1} \\ \text{---} \curvearrowright \text{---} \\ \hat{c}_i = c_i a^{-1} \end{array}$$