

$$\mathbf{A} = \mathbf{E}_{11}^{-1}(\mathbf{F}_{11} - \mathbf{F}_{12}\mathbf{F}_{22}^{-1}\mathbf{F}_{21})$$

$$\overrightarrow{b} = \mathbf{E}_{11}^{-1}(\overrightarrow{g_1} - \mathbf{F}_{12}\mathbf{F}_{22}^{-1}\overrightarrow{g_2})$$

$$\overrightarrow{c} = \overrightarrow{h_1} - \overrightarrow{h_2}\mathbf{F}_{22}^{-1}\mathbf{F}_{21}$$

$$d = k - \overrightarrow{h_2}\mathbf{F}_{22}^{-1}\overrightarrow{g_2}$$