

$R^{-1}$  view  $\Rightarrow$  验证

$$\begin{pmatrix} \{x_{\hat{g} \times \hat{t}}\} \\ \{y_{\hat{g} \times \hat{t}}\} \\ \{z_{\hat{g} \times \hat{t}}\} \\ 0 \end{pmatrix} = \begin{pmatrix} x_{\hat{g} \times \hat{t}} & x_t & x-y & 0 \\ y_{\hat{g} \times \hat{t}} & y_t & y-g & 0 \\ z_{\hat{g} \times \hat{t}} & z_t & z-g & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} 3 \\ 0 \\ 0 \\ 0 \end{pmatrix}$$

$$\begin{pmatrix} \{x_t\} \\ \{y_t\} \\ \{z_t\} \\ 0 \end{pmatrix} = \begin{pmatrix} x_{\hat{g} \times \hat{t}} & x_t & x-y & 0 \\ y_{\hat{g} \times \hat{t}} & y_t & y-g & 0 \\ z_{\hat{g} \times \hat{t}} & z_t & z-g & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} 0 \\ 3 \\ 0 \\ 0 \end{pmatrix}$$

$$\begin{pmatrix} \{x-y\} \\ \{y-g\} \\ \{z-g\} \\ 0 \end{pmatrix} = \begin{pmatrix} x_{\hat{g} \times \hat{t}} & x_t & x-y & 0 \\ y_{\hat{g} \times \hat{t}} & y_t & y-g & 0 \\ z_{\hat{g} \times \hat{t}} & z_t & z-g & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} \begin{pmatrix} 0 \\ 0 \\ 3 \\ 0 \end{pmatrix}$$