$$F^{T}FW = F^{T}Y$$

$$Enshu 08$$

$$F^{T}FW = F^{T}Y$$

$$Z \mid 0 \mid 2 \mid 3 \mid 4$$

$$Y \mid 2 \mid 0 \mid 4$$

$$F^{T}F = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 1 \\ 2 \mid 1 \\ 3 \mid 1 \end{pmatrix} = \begin{pmatrix} 30 \mid 10 \\ 10 \mid 1 \end{pmatrix}$$

$$F^{T}Y = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \\ 1 \\ 2 \mid 1 \end{pmatrix} = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \\ 1 \end{pmatrix} = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \\ 1 \end{pmatrix} = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \\ 1 \end{pmatrix} = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \mid 1 \end{pmatrix} = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \mid 1 \end{pmatrix} = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \mid 1 \end{pmatrix} = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \mid 1 \end{pmatrix} = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 1 \\ 2 \mid 1 \end{pmatrix} = \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 3 \mid 4 \\ 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 2 \mid 4 \\ 1 \mid 1 \mid 1 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 2 \end{pmatrix} \begin{pmatrix} 0 \mid 2 \mid 4 \end{pmatrix}$$