

$$N' = \begin{bmatrix} 3 & 6 \\ 4 & 5 \end{bmatrix} \quad \omega_0' = \begin{bmatrix} 1 \\ -6 \end{bmatrix}$$

$$W_{2}^{2} = \begin{bmatrix} 2 & 3 \\ 4 & 3 \end{bmatrix}$$
 $w_{0}^{2} = \begin{bmatrix} -1 \\ -2 \end{bmatrix}$