$$ORIGIN = 1$$
 $j = \sqrt{-1}$

$$Z \coloneqq \begin{bmatrix} 12\mathbf{j} \\ 56 + 33\mathbf{j} \\ 81 - 52\mathbf{j} \\ 79 \\ 39 - 21\mathbf{j} \\ 43 - 26\mathbf{j} \end{bmatrix} \quad E \coloneqq \begin{bmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 11 \cdot e^{j \cdot 246} \cdot \end{bmatrix}$$

$$ZD \coloneqq \operatorname{diag}(Z) \qquad G \coloneqq \frac{1}{ZD} \qquad ZD = \begin{bmatrix} 12\mathbf{j} & 0 & 0 & 0 & 0 & 0 \\ 0 & 56 + 33\mathbf{j} & 0 & 0 & 0 & 0 \\ 0 & 0 & 81 - 52\mathbf{j} & 0 & 0 & 0 \\ 0 & 0 & 0 & 79 & 0 & 0 \\ 0 & 0 & 0 & 0 & 39 - 21\mathbf{j} & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 43 - 26\mathbf{j} \end{bmatrix}$$

$$A \coloneqq \begin{bmatrix} -1 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 0 & 1 & 1 & -1 \\ 1 & 0 & 1 & -1 & 0 & 0 \end{bmatrix} \qquad B \coloneqq \begin{bmatrix} -1 & -1 & 1 & 0 & 0 & 0 \\ 0 & 0 & -1 & -1 & 0 & -1 \\ 1 & 0 & 0 & 1 & -1 & 0 \end{bmatrix}$$

$$\boldsymbol{\Phi} := \left(A \cdot G \cdot A^{\mathrm{T}} \right)^{-1} \cdot \left(-A \cdot G \cdot E \right) \qquad \qquad \boldsymbol{\Phi} = \begin{bmatrix} -0.244 - 3.948 \mathrm{j} \\ -1.545 - 6.48 \mathrm{j} \\ -0.41 - 4.372 \mathrm{j} \end{bmatrix}$$

$$U := A^{\mathrm{T}} \cdot \Phi$$

$$U^{\mathrm{T}} = \begin{bmatrix} -0.166 - 0.424 \mathrm{i} & -0.244 - 3.948 \mathrm{j} & -0.41 - 4.372 \mathrm{j} & -1.135 - 2.108 \mathrm{j} & -1.301 - 2.532 \mathrm{j} & 1.545 + 6.48 \mathrm{j} \end{bmatrix}$$

$$IZ := G \cdot (U+E)$$

$$IZ = \begin{bmatrix} -0.035 + 0.014j \\ -0.034 - 0.05j \\ 0.021 - 0.041j \\ -0.014 - 0.027j \\ 0.001 - 0.064j \\ -0.013 - 0.091j \end{bmatrix}$$