Rechtsseitige Preiecks matrix:

$$A = R = \begin{bmatrix} 1 & -2 & 3 \\ -5 & 4 & 1 \\ 2 & -1 & 3 \end{bmatrix} \qquad Q = I = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

$$Q = I = \begin{bmatrix} 1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

1. Heration:

$$R^{(4)} = \begin{bmatrix} 1 & -2 & 3 \\ -5 & 4 & 1 \\ 2 & -1 & 3 \end{bmatrix}$$

$$V^{(1)} = \Gamma^{(1)} + \operatorname{sign}(\Gamma_{1}^{(1)}) \cdot \| \Gamma^{(1)} \| \cdot e^{(1)}$$

$$v^{(A)} = \begin{bmatrix} A \\ -5 \\ 2 \end{bmatrix} + A \cdot -A^2 + 5^2 + 2^2 \cdot \begin{bmatrix} A \\ 0 \\ 0 \end{bmatrix} = \begin{bmatrix} A + A \otimes \\ -5 \\ 2 \end{bmatrix}$$

$$u^{(4)} = \frac{1}{1000} v^{(4)} = \frac{1}{1000} v^{(4)}$$

$$u^{(1)} = \frac{1}{\|V^{(2)}\|} \cdot V^{(2)} = \frac{1}{\left(\begin{array}{c} 0.53 - \sqrt{1.8088} \\ \end{array}{c}^{2} \right)^{2} + 0.53^{2}} \cdot \begin{bmatrix} -0.97 - \sqrt{13.058} \\ 0.57 \\ \hline \\ 1 & -0.97 - \sqrt{1.8088} \\ \end{array}{c}^{2} \\ \hline = \begin{bmatrix} -0.97 - \sqrt{1.8088} \\ \hline \\ 1 & -0.57 \\ \hline \\ 1 & -0.53 - \sqrt{1.8088} \\ \end{array}{c}^{2} \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \end{array}{c}^{2} \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \end{array}{c}^{2} \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \end{array}{c}^{2} \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \end{array}{c}^{2} \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \end{array}{c}^{2} \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.53 \\ \hline \\ 1 & -0.37 \\ \hline \\ 1 & -0.37 \\ \hline \\ 1 & -0.37 \\ \hline \\ 1 & -0.83 \\ \hline \\ 1 & -0.82 \\ \hline \\ 1 & -0.83 \\ \hline \\ 1 & -0.44 \\ \hline \\ 1 & -0.57 \\ \hline \\ 1 & -0.83 \\ \hline \\ 1 & -0.8$$

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