```
Hou 2)
   (X1, X2, X3, X4, X5, X6)
                             X1+2X2
                            X3+2X4
                            X + 2 × 6
                        X_1 + 2X_2 = X_3 + 2X_4
                        X1+2X2 = X5+2X6
                        X3+2×4= ×5+2×6
                      X1+2X2-X3-2X4=0
                      ×1+2×2-X5-2X6=0
                      X3 + 2×4 -×5 - 2×6 = 0
    -1 <u>-1 -2 0 0 -1 -2</u>
             2 - 1 - 2 0 0
A-X=0
       p 1 2 -1 -2 0 0 0
          0 0 1 2 -1 -2
          0 0 0 0 0 -4
```

AGK, (F) Eoru = A3x3 det A = 3-6.9 + 4.7. 7 + 5.5.8 - 4.5.9 - 3.7.8 - 5.67 192 + 196 + 200 - 180 - 168 - 210 588 - 558 = 30

$$A_{GN}(S)$$

$$\phi_{K} = S \phi_{K-1} - G \phi_{K-2}$$

$$\phi_{0} = 2 \phi_{1} = S$$

$$\phi_{K-1} = \phi_{K-1}$$

$$\psi_{K-1} = \begin{pmatrix} 5 & -6 \\ 1 & 0 \end{pmatrix} \psi_{K-2}$$

$$A = \begin{pmatrix} 5 & -6 \\ 1 & 0 \end{pmatrix} \psi_{K-2}$$

$$S = \begin{pmatrix} 5 & -6 \\ 1 & 0 \end{pmatrix}$$

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$$\begin{pmatrix} 3 & -6 \\ 1 & -2 \end{pmatrix} \begin{pmatrix} v_1 \\ v_2 \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \end{pmatrix}.$$

$$3V_{1}-6V_{2}=0 = V_{1}=2V_{2}$$

$$V_{1}-2V_{2}=0 = V_{1}=2V_{2}$$

$$(V_{1},V_{2})=(2V_{2},V_{2})=(2V_{2},V_{2})=(2V_{2},V_{2})$$