

$$Y = j[-30, 10, 10, 10; \\ 10, -20, 10, 0; \\ 10, 100, -30, 10; \\ 10, 0, 10, -20].$$

$$Y = j[-30, 10, 10, 10; \\ 10, -20, 10, 0; \\ 10, 10, -300, 10; \\ 10, 0, 10, -20]$$

$$Y = j[-300, 10, 10, 10; \\ 10, -20, 10, 0; \\ 10, 10, -30, 10; \\ 10, 0, 10, -20]$$

$$Y = j \begin{bmatrix} -30 & 10 & 10 & 10 \\ 10 & -20 & 10 & 0 \\ 10 & 10 & -30 & 10 \\ 10 & 0 & 10 & -20 \end{bmatrix}$$

(a)

$$Y = j \begin{bmatrix} -30 & 10 & 10 & 10 \\ 10 & -20 & 10 & 0 \\ 10 & 10 & -30 & 10 \\ 10 & 0 & 10 & -20 \end{bmatrix}$$

(b)

$$j \begin{bmatrix} -300 & 10 & 10 & 10 \\ 10 & -20 & 10 & 0 \\ 10 & 10 & -30 & 10 \\ 10 & 0 & 10 & -20 \end{bmatrix}$$

(c)

$$Y = j[-30, 10, 10, 10; \\ 100, -20, 10, 0; \\ 10, 10, -30, 10; \\ 10, 0, 10, -20]$$

$$Y = j[-30, 100, 10, 10; \\ 10, -20, 10, 0; \\ 10, 100, -30, 10; \\ 10, 0, 10, -20]$$

$$Y = j[-30, 10, 10, 10; \\ 10, -20, 100, 0; \\ 10, 100, -30, 10; \\ 10, 0, 10, -20]$$

$$Y = j \begin{bmatrix} -30 & 10 & 10 & 10 \\ 10 & -20 & 10 & 0 \\ 10 & 10 & -30 & 10 \\ 10 & 0 & 10 & -20 \end{bmatrix}$$

(d)

$$Y = j \begin{bmatrix} -30 & 100 & 10 & 10 \\ 10 & -20 & 10 & 0 \\ 10 & 100 & -30 & 10 \\ 10 & 0 & 10 & -20 \end{bmatrix}$$

(e)

$$Y = j \begin{bmatrix} -30 & 10 & 10 & 10 \\ 10 & -20 & 10 & 0 \\ 10 & 10 & -30 & 10 \\ 10 & 0 & 10 & -20 \end{bmatrix}$$

(f)