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Metode Cramer

$$2x_1 + 4x_2 - x_3 = 9$$

$$\int awaban : \begin{bmatrix} 2 & 3 & -1 \\ 3 & -2 & 1 \\ 2 & 4 & -1 \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ x_3 \end{bmatrix} = \begin{bmatrix} 6 \\ 2 \\ 9 \end{bmatrix}$$

$$A = \begin{bmatrix} 2 & 3 & -1 \\ 3 & -2 & 1 \\ 2 & 4 & -1 \end{bmatrix}$$

•
$$det[A^2]: \begin{vmatrix} 2 & 6 & -1 \\ 3 & 2 & 1 \\ 2 & 9 & -1 \end{vmatrix} = -15$$

•
$$\det [A^2] : \begin{bmatrix} 2 & 6 & -1 \\ 3 & 2 & 1 \\ 2 & 9 & -1 \end{bmatrix} = -15$$

• $\det [A^3] : \begin{bmatrix} 2 & 3 & 6 \\ 3 & -2 & 2 \\ 2 & 4 & 9 \end{bmatrix} = -25$

$$X_2 : \frac{\text{dot}[A^2]}{\text{dot}[A]} : \frac{-15}{-5} : 3$$

$$X_3 = \frac{\det [A^3]}{\det [A]} = \frac{-25}{-5} = 5$$