

$$A_{11} * X + A_{12} * Y = B_1$$

$$A_{21} * X + A_{22} * Y = B_2$$

**OLARAK ELDE EDİLEN DENKLEMLERİ MATRİSEL HALE
GETİRMEK İÇİN OLUŞTURULAN SİSTEM:**

$$\begin{bmatrix} A_{11} & A_{12} \\ A_{21} & A_{22} \end{bmatrix} \begin{bmatrix} X \\ Y \end{bmatrix} = \begin{bmatrix} B_1 \\ B_2 \end{bmatrix}$$

X VE Y yi ÇÖZMEK İÇİN KRAMER KURALINI KULLANALIM:

$$X = \frac{\begin{vmatrix} B_1 & A_{12} \\ B_2 & A_{22} \end{vmatrix}}{\begin{vmatrix} A_{11} & A_{12} \\ A_{21} & A_{22} \end{vmatrix}} = \frac{B_1 * A_{22} - B_2 * A_{12}}{A_{11} * A_{22} - A_{21} * A_{12}}$$

$$Y = \frac{\begin{vmatrix} A_{11} & B_1 \\ A_{21} & B_2 \end{vmatrix}}{\begin{vmatrix} A_{11} & A_{12} \\ A_{21} & A_{22} \end{vmatrix}} = \frac{A_{11} * B_2 - A_{21} * B_1}{A_{11} * A_{22} - A_{21} * A_{12}}$$

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