$$A(x_1, x_2)$$

$$X_1$$

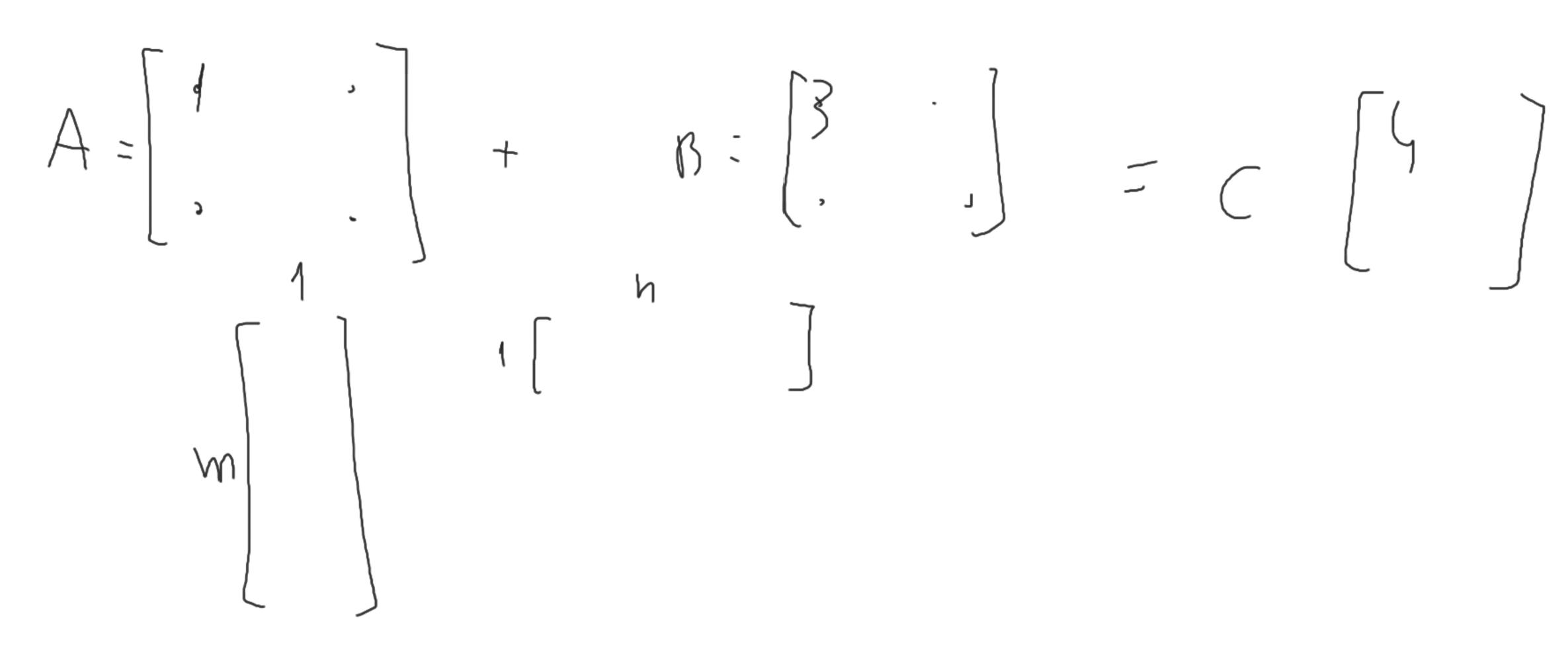
$$X_1$$

$$A \in \mathbb{R}^{m \times n}$$

$$A = m$$

$$A_{m,1}$$

$$A_{m,n}$$



$$\begin{bmatrix}
A_{1} & P_{1} \\
A_{2} & P_{2}
\end{bmatrix} \times \begin{bmatrix}
X \\
X
\end{bmatrix} = \begin{bmatrix}
Y_{1} \\
Y_{2}
\end{bmatrix} = \begin{bmatrix}
P_{1} \\
P_{2}
\end{bmatrix}$$

$$AXI = A$$

$$I \land A = A$$

$$A \times B = I$$

$$B = A^{-1}$$

$$A \times A^{-1} = I$$

$$B = A^{-1}$$

$$A \times A^{-1} = I$$

$$A^{-1} = A$$

6 -1 - 9