Operaciones con matrices

$$
\begin{aligned}
Ax &= B \\
A^{-1}Ax &= A^{-1}B \\
Ix &= \frac{\text{adj}(A)}{\det(A)}B \\
x &= \frac{\text{adj}([a_{ij}]_{n\times n})}{\det(A)}B \\
x &= \frac{[A_{ij}]^T_{n\times n}}{\det(A)}B \\
x &= \frac{[(-1)^{i+j}M_{ij}]^T}{\det(A)}B \\
\frac{\text{cof}(A)^T}{|A|}B &= x
\end{aligned}
$$

$$
\begin{aligned}
Au &= \lambda u \\
Au - \lambda u &= 0 \\
(A - \lambda I) &= 0 \\
|A - \lambda I| &= 0
\end{aligned}
$$

$$
|A_n| = \begin{cases} a & , \ A_1 = [a] \\ \sum_{j=0}^{n-1}(-1)^j a_{0j}|M_{0j}| \end{cases}
$$