## Bsz 12. gyak

$$A = B$$

$$bii = \sum_{i=1}^{n} a_{ij} \cdot \overline{a_{ji}} = \sum_{i=1}^{n} a_{ij}$$

$$(\mathcal{D})$$

$$AA^{2}=E=A^{2}A$$

$$\begin{pmatrix}
1 & -3 & 7 & | 100 \\
-1 & 3 & -6 & | 010 \\
2 & -6 & | 12 & | 001
\end{pmatrix}
\sim$$

$$\begin{pmatrix}
1 & -3 & 7 & | 100 \\
0 & 0 & 1 & | 100 \\
0 & 1 & -2 & | -201
\end{pmatrix}
\sim$$

$$\begin{pmatrix}
1 & -3 & 7 & | 100 \\
0 & 0 & 1 & | 100 \\
0 & 1 & -2 & | -201
\end{pmatrix}$$
Ven involved
$$\begin{pmatrix}
1 & -3 & 7 & | 100 \\
0 & 1 & -2 & | -201 \\
0 & 0 & 1 & | 100
\end{pmatrix}$$

• This Add to = 
$$37A^{-1}$$
  
 $A \times = Ay$   $A^{-1}$ . (1)  
 $A^{-1}(A \times A) = A^{-1}(Ay)$   
 $(A^{-1}(A) \times = (A^{-1}A)y$ 

• 
$$Ax - Ay = Q'$$

$$A(x-y) = Q$$

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