$$A = \begin{pmatrix} a_{11} & a_{12} & a_{1N} \\ a_{11} & a_{12} & a_{2N} \\ a_{21} & a_{22} & a_{2N} \end{pmatrix} n \times n$$

$$A = \begin{pmatrix} a_{11} & a_{12} & a_{1N} \\ a_{21} & a_{22} & a_{2N} \\ a_{21} & a_{22} & a_{22} & a_{22} \\ a_{21} & a_{22} & a_{22} \\ a_{21} & a_{22} & a_{22} \\ a_{21} & a_{22} &$$

= x + (-1). y (mod 2) = x + y (mod 2) = x @ y.

(-1) mod 2 =(2-1)=1