

## Answer on Question #54994 – Math – Linear Algebra

Let

$$C = \begin{pmatrix} 5 & 4 & -8 \\ 11 & -9 & 17 \\ 6 & -5 & 10 \end{pmatrix}$$

be a matrix of cofactors of matrix A, then the adjoint of A will be...

### Solution

We are given matrix

$$C = \begin{pmatrix} 5 & 4 & -8 \\ 11 & -9 & 17 \\ 6 & -5 & 10 \end{pmatrix},$$

which consists of cofactors of some matrix A.

The adjoint of matrix A is then simply transpose of matrix C by definition.

Thus,

$$AdjA = \begin{pmatrix} 5 & 11 & 6 \\ 4 & -9 & -5 \\ -8 & 17 & 10 \end{pmatrix}.$$