

# Download Cofactor Of 4x4 Matrix

Page 4 of 9 6? Definition of a cofactor The cofactor,  $C_{ij}$ , of a matrix  $A$  is defined by the relation  $C_{ij} = (-1)^{i+j} \det A_{ji}$  ;  $C_{ij} = (-1)^{i+j} \det A_{ji}$  was hoping someone can point out an efficient formula for 4x4 affine matrix transform.

Currently my code uses cofactor expansion and it allocates a temporary array for each cofactor. The inverse of a matrix can be written by replacing each entry by its "cofactor" (the determinant of the matrix you get by dropping the entire row and column of the entry) divided by the determinant of the matrix. Matrix Operations.

Use Elementary Matrices to Perform Row Operations to Solve a System Write a Matrix as a Product of Elementary Matrices Matrix Addition, Subtraction and Scalar Multiplication