
Subject: matrix operation

Posted by [Gray](#) on Thu, 23 Dec 2010 14:39:00 GMT

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Hi all,

I'm just getting really confused about how to do this properly. Can you all help?

I have a list of x y coordinates, and I want to perform an affine transformation on them, so I have a 3xN array of (xi,yi,1) and a 3x3 matrix for my transformation, and I want to end up with a 3xN array of (x'i,y'i,1). How can I transform all my coordinates at once? I know my tools are #, ##, transpose/reform, and matrix_multiply, but I seem to be chronically unable to sort this out. Thanks!

--Gray
