
Subject: Re: array problems

Posted by jschwab@gmail.com on Fri, 11 Jul 2008 19:26:27 GMT

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On Jul 11, 2:36 pm, "David Sheerin" <davidshee...@btinternet.com> wrote:

> Hi All

> I have a palindromic vector of floats, e.g. [a,b,c,b,a] , and I would like
> to expand it to include the mean between each value like [(0+a)/2, a,
> (a+b)/2, b, (b+c)/2, c, (c+b)/2, b, (b+a)/2, a, (a+0)/2]. Is there any
> elegant way of doing this without having to resort to clunky for loops?

>

> I also would like to repeat this action on the resulting vector.

>

> Thanks for any tips

>

> David

Or, even better, just use interpol.

if

array = [a, b, c, b, a]

then

output = interpol(array, 9)

is your desired result

Josiah
