
Subject: Re: Using two different arrays in the same calculation

Posted by [thompson](#) on Thu, 09 Jun 1994 13:20:39 GMT

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ragnar@kvark.fi.uib.no (Ragnar Aas) writes:

> I have the following problem :

> I have two different arrays, (8) of float and (300,8) of float.

> I want to vectorize the equation and therefore I need to use both

> arrays in the same equation. For example :

> newarray=cos(small_array)*sin(large_array)

> where I want the data in small_array to be used over and over 300 times

> in this calculation.

That's simple,

```
newarray = cos(replicate(1,300)#small_array) * sin(large_array)
```

Bill Thompson

P.S. Another one for the FAQ?
