
Subject: Re: Help: how to do ?

Posted by [Robert S. Hill](#) on Tue, 04 May 1999 07:00:00 GMT

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On Tue, 4 May 1999, Pavel Romashkin wrote:

> Hi Tri,
> Now I tested it better. Try the following:
>

I added the following method to Pavel's test program:

```
start=systime(1)
a1=findgen(1,3)
a2=findgen(n,3)
a3 = make_array(n,val=1) # a1
a4 = a2 + a3
print, systime(1) - start
print, a4
```

I can't remember where I ran across this trick of using a matrix multiply operation to replicate rows or columns. In any case, it's about the same speed as Pavel's method (using the reform function) for small values of N, but on my system takes about 0.6 the time of Pavel's method for n=100000 or more. How it depends on the Y dimension, I haven't checked.

Bob Hill

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