
Subject: Re: simple array math question

Posted by [K. Bowman](#) on Fri, 24 Jan 2003 14:38:18 GMT

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In article <b0rce6\$23c\$1@news.surfnet.nl>,
"Pepijn Kenter" <kenter@tpd.tno.nl> wrote:

> And does any IDL-wizard know a similar trick to average each row/column of
> a?
> i.e. to replace the following lines:
>
> result = dblarr(3)
> for i = 0, 2 do result[i] = mean(a[:,i])

That's an easy one:

```
result1 = TOTAL(a, 1, /DOUBLE)/n1  
result2 = TOTAL(a, 2, /DOUBLE)/n2
```

where n1 and n2 are the sizes of the first and second dimensions,
respectively.

Ken Bowman
