
Subject: Arrays with complex index ?

Posted by [Henrik E. Nilsen](#) on Sat, 04 Dec 1999 08:00:00 GMT

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Hello all,

Anyone know if there's a way to reference a floating point array using a complex number?

what I would like to do is something like:

```
cnum=complex(5,5) & cnum2=complex(2,3) & fnum=10.7  
arr=fltarr(cnum)  
arr[cnum2]=fnum
```

and not:

```
arr=fltarr(5,5)  
arr[float(cnum),imaginary(cnum)]=fnum
```

I suspect that this is not possible. Does anyone know how time consuming the 'float' and 'imaginary' commands are? (I'm using these statements at the core of a loop structure, and so any savings in time are important)

Thanks.

- Henrik

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