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Subject: imaging Complex numbers

Posted by [Sean Heukels](#) on Thu, 01 Mar 2001 08:52:39 GMT

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complex data from OUR NMR console.

Thus all the pictures are converted to real-space through fourier transform and ABS() to make the complex array a number.

But, what if I want to image the Real and Imaginary part separately as well?

I can't split the real and imaginary part out in an array, after I have set COMPLEX.

Any ideas?? An example

```
E=FLTARR(3,3)
```

```
C=COMPLEX([1,2,3], [3,4,5])
```

```
E(*,*)=C
```

UNCOMPLEX ???

I don't know

ps. Is there someone else who uses these kind of algorithms for NMR/MRI in IDL, or other programs also regarding NMR image processing?

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