
Subject: Re: Problem with dist function in IDL
Posted by [Paolo Grigis](#) on Mon, 13 Aug 2007 10:06:59 GMT
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ATKT wrote:

```
> Can somebody tell what exactly dist function is doing in IDL
> e.g x=dist(2,2)
>    0.000000    1.00000
>    1.00000    1.41421
> What is the meaning of this output
> x=dist(4,4)
>    0.000000    1.00000    2.00000    1.00000
>    1.00000    1.41421    2.23607    1.41421
>    2.00000    2.23607    2.82843    2.23607
>    1.00000    1.41421    2.23607    1.41421
>
> I am unable to understand the output which is being generated.
>
```

A graphical representation is also always useful...

```
loadct,5
tvscf,shift(dist(512,512),256,256)
```

Ciao,
Paolo
