
Subject: How to calculate the abscissa values for the given vertical values

Posted by duxiyu@gmail.com on Mon, 05 Oct 2009 08:56:20 GMT

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Hi, all.

I want to calculate the abscissa values for the given vertical values.

For example,

```
x = findgen(1000)/1000*4*pi
```

```
y = cos(x)
```

I want to get the abscissa values for $y=0$.

For this example, the results should be $[\pi/2, 3\pi/2, 5\pi/2, 7\pi/2]$.

But how can I get it by IDL codes?

Best wishes,

jdu
