
Subject: mathematics-accuracy

Posted by [creon](#) on Wed, 15 Nov 2006 21:20:47 GMT

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Hello. I've been having a problem on math operations with floating point numbers. I'll be thankful if you help me out with this.

Now, I have a series of floating-point numbers - `str={arr:findgen(x)}`, codes.... the first element of the series is 1.20740. i need to get the square of this, which is 1.45781. when i type

`print, str.arr[0]^2`

it returns 1.45780. i tried setting the data types to double - with `dindgen-`, and had 1.45783. I don't know what the problem is, and how i can fix it. please help. thanks.
