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.