
Subject: IDL is not accurate enough!

Posted by [noahh.schwartz](#) on Thu, 28 Aug 2008 16:30:14 GMT

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Hi,

I've been having problems with IDL accuracy. I'm trying to perform calculations using the gamma function. The problem is that it grows VERY fast! Performing this calculation in double (namely $\gamma(x)/\gamma(y)$ with x and y big) yields the result: NaN...

Would it be possible to use a program like 'Mathematica' (or any other) and to plug it in my IDL program? Some kind of `CALL_EXTERNAL` that is to say. If it is possible, how can I do it and what is the best program to use?

Thanks,
Noah
