Subject: Using Errorf in IDL
Posted by karl on Tue, 20 May 1997 07:00:00 GMT
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I recently tried to feed a complex argument to Errorf, but it would have none of it. With Mathematica you get a complex numerical result if you feed Erf a complex numerical argument. I assume Mathematica is calculating the principal value of the integral or something like that. So my basic question is, how can I do the same thing most efficiently in IDL? (If I have to I can numerically integrate Fresnel integral euivalents or something else equally disgusting but I'm praying for something simple) Perhaps just as useful would be if somebody could give me a form for A(a,b),B(a,b) in:

A + iB = Erf(a + ib)

Thanks for any tips,

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