Subject: Re: Complex numbers
Posted by mmeron on Tue, 14 Oct 2003 20:01:10 GMT
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In article <162586e3.0310141140.406f5659@posting.google.com>,
biomedthesis2002@yahoo.com (New2IDL) writes:
> hi,
> I have a numerical equation
> a = (-0.2)^{(-2.2)}.
>
> IDL gives me an error message "Program caused arithmetic error:
> Floating illegal operand"
>
> But MATLAB gives the output, which is complex number. I am not sure
> how to solve this in IDL. Can anybody help me on this please?
IDL needs to be told that you want a complex operation
IDL > print, (-0.2)^{-2.2}
     -NaN
IDL> print, (complex(-0.2))^(-2.2)
    27.9056,
               -20.2746)
Mati Meron
                        | "When you argue with a fool,
meron@cars.uchicago.edu
                               chances are he is doing just the same"
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