
Subject: Re: LEGENDRE problem

Posted by [Jeremy Bailin](#) on Mon, 15 Sep 2008 12:49:35 GMT

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On Sep 14, 9:09 pm, xiao <littledd...@gmail.com> wrote:

> Hi~ everyone~ I want to use this function in IDL. But it always
> reminds me
>
> Program caused arithmetic error: Floating overflow
>
> I have already use the DOUBLE key words, What should i do now?
>
> Thank you

What arguments are you giving it? Do you expect it to underflow? If so, that's fine (although you may want to suppress it for speed purposes - see http://www.dfanning.com/math_tips/underflow.html and http://www.dfanning.com/code_tips/underflow.html).

-Jeremy.

Subject: Re: LEGENDRE problem

Posted by [David Fanning](#) on Mon, 15 Sep 2008 13:42:55 GMT

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Jeremy Bailin writes:

> What arguments are you giving it? Do you expect it to underflow? If
> so, that's fine (although you may want to suppress it for speed
> purposes - see http://www.dfanning.com/math_tips/underflow.html and
> http://www.dfanning.com/code_tips/underflow.html).

Uh, I think the word was "OVERflow". :-(

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: LEGENDRE problem

Posted by [pgrigis](#) on Mon, 15 Sep 2008 14:06:33 GMT

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xiao wrote:

> Hi~ everyone~ I want to use this function in IDL. But it always
> reminds me
>
> Program caused arithmetic error: Floating overflow

Could you give us an example of input value that cause
the overflow? Seems strange to me...

Paolo

>
> I have already use the DOUBLE key words, What should i do now?
>
> Thank you

Subject: Re: LEGENDRE problem

Posted by [Jeremy Bailin](#) on Tue, 16 Sep 2008 12:42:09 GMT

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>> What arguments are you giving it? Do you expect it to underflow? If
>> so, that's fine (although you may want to suppress it for speed
>> purposes - see http://www.dfanning.com/math_tips/underflow.html and
>> http://www.dfanning.com/code_tips/underflow.html).
>
> Uh, I think the word was "OVERflow". :-(

Clearly I need to move my reading-IDL-newsgroup part of the day to
after my first coffee. ;-)

-Jeremy.
