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 seehttp://www.dfanning.com/math_tips/underflow.htmland
- >> 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.