Subject: An IDL NORM alternative without overflow
Posted by zhangj.sdu on Wed, 14 May 2014 09:16:46 GMT
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Dear all,
I want to calculate the L2 norm of a vector, for example,a=[0.68056D+200, 0.25521D+200, 0.34028D+200,0.85071D+200, 0.25521D+200, 0.85071D+200]. The IDL NORM function gave nothing but "Program caused arithmetic error: Floating overflow" and "Infinity". Any another IDL solution to avoid this problem?
Thanks.
Clark

Subject: Re: An IDL NORM alternative without overflow
Posted by Fabzi on Wed, 14 May 2014 09:44:19 GMT
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On 14.05.2014 11:16, Zhang Jiang wrote:
> Any another IDL solution to avoid this problem?

Use better units for your vector, for example by dividing it by 1D200 ?