

Re: Definite integral with huge variations in magnitude

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In article <1155179110.659106.14960@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, <carlos@xxxxxxxxxxxx> wrote:

Mmm, this one is a bit wilder. Mathematica NIntegrate with target precision of 6 fails with warning

NIntegrate::"ncvb": NIntegrate failed to converge to prescribed accuracy after 7 recursive bisections in z near z = 0.00009765625

Yes, that happened to me also.

My Gauss Legendre gives -12190.6 to 6 places. I wonder if Maple can confirm that value.

Gert Van den Eynde posted elsewhere in this thread that Maple got a value of 866.something. Matlab gets the same result.

I didn't expect to build confidence in a result via voting from different math softwares, but what else can I do? :)

-Alex

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