
Subject: qsimp, qromb, qromo

Posted by [gnarloo](#) on Thu, 03 Jun 2004 19:46:15 GMT

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Dear all,

I'm new to this newsgroup so first of all, hello everybody!

The problem i encountered is the following:

I tried to use

qsimp and qromb to integrate a couple of functions (scattering problems, nothing special) but the system crashes..

I tried to integrate $\cos(x)$ between 0 and π (the result is obviously zero)

and these functions give out some kind of error message but not the result..

so i turned to write the code myself as i used to do when i was an undergraduate student using old riemann sums and old fortran, but as this approach is a bit time-consuming i have one question:

is there any trick I can use or these functions only sometimes work? (for example if you integrate $\sin(x)$ on the same interval as above they give out the right result.

Personally I can't believe the problem is in the algorithm (Simpson rule works, Romberg method I don't know it)...

thanks very much indeed for your help

bye

michael
