
Subject: Re: QROMB

Posted by [Paul Van Delst\[1\]](#) on Tue, 15 Jun 2004 15:57:34 GMT

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New2IDL wrote:

- > hi,
- > The function I am trying to integrate is :
- >
- > $F(x) = a \cdot \exp(-b \cdot (x^2))$
- >
- > where: a and b are parameters
- > x ranges from 0,20
- >
- > We have experimental data to fit with the above integral (a and b as
- > parameters to be found from fit).
- >
- > When I tried to integrate the above mentioned function with QROMB we
- > get a single value as the answer. I cannot fit this value to my data.
- >
- > Can anybody please help me to get the F(x) value for each value of X.

If you want to fit the data, why are you integrating it? Check out Craig Markwardt's IDL fitting package MPFIT at

<http://cow.physics.wisc.edu/~craigm/idl/fitting.html>

paulv
