
Subject: Re: solving equation consisting of points - sort of...

Posted by [pgrigis](#) on Fri, 07 Nov 2008 14:56:29 GMT

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shokland wrote:

>> So you are trying to solve $\int_0^t f(x)dx=A$ for t given A and f ?
> Exactly! wasn't sure if LaTeX-style notation would be acceptable, but
> certainly makes communication of problems easier...
>
>> I would probably just use the simpler method with interpolate
> OK - was that the (rather unsatisfying) solution that I originally
> proposed?

Yes, that would be computing the integral for different values
[$t_1, t_2, \dots$] and interpolate [$A_1, A_2, \dots$] at your desired t .

If your function is smooth, that should work pretty well...

If the function is not smooth, you may want to be
careful....

Ciao,
Paolo

>
> Thanks,
> Steffen
