Subject: Re: An approximation of the cumulative integral of Y
Posted by Vijay Shah on Tue, 14 Jul 2009 05:23:21 GMT
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Thanks for the the info. I don't have function but only have series of
dataset to integrate.
I did find http://idlastro.gsfc.nasa.gov/ftp/pro/math/tsum.pro
that allows takes the discrete sequence.

.
On Jul 12, 4:00 pm, Jeremy Bailin <astroco...@gmail.com> wrote:
> On Jul 12, 11:58 am, Vijay Shah <vijayps...@gmail.com> wrote:
>
>> Hi Vince,
>> Thanks for the info.
>> I checked the int_tabulated. But the IDL help files indicate "Data
>> that is highly oscillatory requires a sufficient number of samples for
>> an accurate integral approximation."
>> I am not sure for 10 to 12 samples what would work best. I will search
>> google to find more information on this. If you know of any paper
>> about comparison, please feel to send it.
>
>> Regards,
>> Vijay
>
> That statement is not particular to INT_TABULATED, but is quite
> general: if your sampling is insufficient, the numerical integral will
> be inaccurate no matter what method you use.
>
> -Jeremy.