
Subject: Re: Numerical integration

Posted by [wlandsman](#) on Thu, 15 Nov 2007 21:00:42 GMT

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On Nov 15, 2:58 pm, tarequea...@gmail.com wrote:

> Hello Gurus,Pundits& Bosses of IDL,

>

> Need help on 'int_tabulated'. One of the array has duplicate

> elements(=same elements) and thus int_tabulated refuses to move any

> further.

>

> Is there any way out?

So you have a jump in your function (where Y changes but X stays the same)? INT_TABULATED won't like this because it interpolates the data, and your function is not smooth. You could try just a simple trapezoidal integration, such as in the function <http://idlastro.gsfc.nasa.gov/ftp/pro/math/tsum.pro>

--Wayne
