Subject: INT TABULATED Errors Posted by Andy Loughe on Fri, 21 Jan 2000 08:00:00 GMT View Forum Message <> Reply to Message

From the manual...

CAUTION: Data that is highly oscillatory requires a sufficient number of samples for an accurate integral approximation.

I guess this CAUTION is to be taken seriously... my data points don't seem so "oscillatory". ; Compute the area under the curve using INT TABULATED : Example 1 x = [0.0, 0.3333, 0.985, 1.0]y = [0.0, 0.529, 0.894, 1.0]plot, x, y, psym=-2, title='Example 1' print, ' Too small ==> ', INT_TABULATED(x, y) ; Example 2 x = [0.0, 0.10, 0.79, 1.0]y = [0.0, 0.67, 0.96, 1.0]plot, x, y, psym=-2, title='Example 2' print, ' Too large ==> ', INT_TABULATED(x, y)

We are now giving POLY_AREA a try!

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