Subject: Re: replace integration by summation
Posted by fd_luni on Wed, 19 Jun 2013 20:05:20 GMT
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> But when you took Mats's suggestion and computed INT_TABULATED(t,A1), was the single value zero or not?

No it was not a single value zero.

I had two function like this:
For i=1,n-1 do begin
A2= INT_TABULATED(t[0:i], A1[0:i])
B2= INT_TABULATED(t[0:i], B1[0:i])
endfor

When I replaced the INT_TABULATED by this:
A2 = (t[1]-t[0])*total(A1,/cumulative)
B2 = (t[1]-t[0])*total(B1,/cumulative)

The function A2 = (t[1]-t[0])*total(A1,/cumulative)
gives me completely different values from A2= INT_TABULATED(t[0:i], A1[0:i]). But the function B2 = (t[1]-t[0])*total(B1,/cumulative gives me zeros.