Subject: Re: Array Integration
Posted by Maryam on Fri, 13 Jul 2012 21:01:49 GMT
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Thank you, Sir, for your quick reply. I tried the following which produces a 14 element array of NaN's...:

```
pro ind_intg

  delta=1.0
   W=[0.0212330,0.0424661,0.127398,0.212330,0.297263,0.424661,0
.530826,0.636991,0.743157,0.849322,0.955487,1.06165,1.16782, 1.27398]

  P = {w:w, delta:delta}
  my_expression = '((2.*!pi*(P.delta)^4) * x * (1+(P.delta)^2*x^2)^(-3) * exp(-(P.w)^2*x^2) )'

  num_elements=n_elements(W)
  A = fltarr(num_elements)

for i = 0, num_elements-1 do begin
  A[i] = qpint1d(my_expression, /expression, 0, +inf, P)
endfor

print, A

stop
END
```