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Subject: Re: Multiple parameters for ZEROFCN  
Posted by [wlandsman](#) on Sun, 15 Jan 2012 15:57:56 GMT  
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I give an example of using common blocks to pass parameters below. Since IDL does not have the PV\_WAVE ZEROFCN function, I substituted ZBRENT just to have a function that works for me.

Note that another limitation of the built-in IMSL/Numerical Recipes functions in IDL is that the user-supplied function must return a \*scalar\* value. So be careful that your extra Y parameter is also a scalar. --Wayne

```
FUNCTION f, x
common fparam, y
RETURN, X^3 + y
END

pro test
common fparam,y

FOR i = 0, 9 DO BEGIN
Y = i
print, Zbrent(-5,5,func_name="F")
ENDFOR
END
```

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