
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
```
