Subject: Countour plot of function zeros
Posted by Ed Wright on Thu, 05 Feb 2004 17:08:12 GMT
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To: IDL
From: Ed Wright

A question concerning contour plots. Does IDL have a call to easily plot the zero level curves of an arbitrary function, i.e. given f(x,y)=C with C some constant, plot g(x,y)=0 where g(x,y)=f(x,y)-C.

Example: Can I plot the zeros of function g(x,y) = x^2 +y^2 - 4. If so, can I create a similar plot of a surface g(x,y,z)?

Such functionality is fairly trivial in Mathematica and MATLAB.

As always,
Ed Wright

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