Subject: Re: 3D Curve Fitting
Posted by Wox on Thu, 02 Oct 2008 11:13:45 GMT
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On 01 Oct 2008 13:07:37 -0400, Craig Markwardt
<craigmnet@REMOVEcow.physics.wisc.edu> wrote:

> Wox <nomail@hotmail.com> writes:
>>
>> Sorry for the confusing, it must be: "If you have 3 DEPENDENT
>> variables, you can't use mpfit or curvefit or whatever"
>
> I don't think your claim is correct. If you have the independent
> variable, X, and *two* measurements per X point, (say Y and Z) then it
> is straightforward to fit both of those points simultaneously. That
> is effectively fitting a 2D function. The method is the same,
> MPFITFUN('MYFUNCT', X, [Y, Z], [ERR_Y, ERR_Z], ...)
> and your function is responsible for computing both functions
> separately and then stacking them together.

Yes, you're right, but what if X would be measured too?