
Subject: Re: Fitting 3D spline to an x,y,z point cloud
Posted by [Paolo Grigis](#) on Thu, 08 Mar 2007 10:08:39 GMT
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You could try to minimize the sum of the squares of the distances from each of your points to the trend line. For the minimization, you could use TNMIN.

Ciao,
Paolo

Thomas Launey wrote:

> Hi all,
>
> I need to fit a spline to a 3D point cloud, where the points are
> basically along a smooth curve, with a bit of noise. I have always
> succesfully used MPfit for all my 2D fitting but here, I am not sure
> where to start. Any help or pointers would be most welcome.
> Thanks,
> Thomas
>
> Thomas LAUNEY, PhD
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> Japan
>
