Subject: Piecewise curve fitting in idl

Subject: Re: Piecewise curve fitting in idl

Posted by d.poreh on Thu, 31 Jul 2008 10:30:22 GMT

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Folks

How we can do the piecewise curve fitting in idl. Say we have an array that this array has got 2 or 3 trends in data and we want to fit a liner curve for each trends. In MATLAB curve fitting tool, we can easily exclude or include a part of data and then fit a curve. How we can do this in IDL

Cheers

Dave

Posted by d.poreh on Mon, 04 Aug 2008 05:46:25 GMT View Forum Message <> Reply to Message On Aug 4, 6:58 am, Craig Markwardt <craigm...@REMOVEcow.physics.wisc.edu> wrote: > d.po...@gmail.com writes: >> On Jul 31, 1:21 pm, Wox <nom...@hotmail.com> wrote: >>> On Thu, 31 Jul 2008 03:30:22 -0700 (PDT), d.po...@gmail.com wrote: >>>> Folks >>>> How we can do the piecewise curve fitting in idl. Say we have an array >>>> that this array has got 2 or 3 trends in data and we want to fit a >>>> liner curve for each trends. In MATLAB curve fitting tool, we can >>> easily exclude or include a part of data and then fit a curve. How we >>>> can do this in IDL >>>> Cheers >>>> Dave >>> Euhm, just do the fitting on the different parts? Or do you mean >>> fitting with a piecewise polynomial (i.e. spline: see e.g. IMSL_BSLSQ >>> or IMSL CONLSQ) > >> just doing the fitting on the differt part. how we can select this >> parts and how we can fit a curve to these parts separatly? >

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> For a graphical interface, IDL is probably not the best application

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> Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
could you please send me the Astronomy library link for this.
Cheers
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Subject: Re: Piecewise curve fitting in idl Posted by jschwab@gmail.com on Mon, 04 Aug 2008 08:54:36 GMT View Forum Message <> Reply to Message

```
On Aug 4, 6:46 am, d.po...@gmail.com wrote:
> On Aug 4, 6:58 am, Craig Markwardt
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Subject: Re: Piecewise curve fitting in idl
Posted by d.poreh on Mon, 04 Aug 2008 10:01:04 GMT
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On Aug 4, 10:54 am, "jsch...@gmail.com" < jsch...@gmail.com> wrote:
> On Aug 4, 6:46 am, d.po...@gmail.com wrote:
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> Would it really be all that difficult to Google "LINTERP" and "IDL
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 http://idlastro.gsfc.nasa.gov/ftp/pro/math/linterp.pro
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> Josiah
thanks!! sorry i am new in idl.
Cheers
```