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Subject: Re: N3 (authomatic correction of intensity in MRI data)  
Posted by [rryan%stsci.edu](mailto:rryan%stsci.edu) on Tue, 18 Nov 2014 21:24:19 GMT  
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On Tuesday, November 18, 2014 3:13:08 PM UTC-5, John K wrote:

- > Hello, I'm trying to implement this algorithm in IDL.
- > (papers: <https://www.nitrc.org/docman/view.php/6/880/sled.pdf> ;  
<https://www.dropbox.com/s/4mmys4ikb92ya4l/original%20-%20SLED%20John%20G.%20Sled.pdf>)
- > After a few weeks of researching I still have troubles understanding the b-spline smoothing.
- > From what I understand it uses a TRICUBIC b-spline approximation, but I cannot find any function already implemented in IDL that can do more than a 2d spline approximation. Can anybody point me in the right direction?
- > Any tips would be useful, thanks in advance.

UGGH... no, but if you get it sorted out, please leave a message about what you found. I was trying to do this one day too. I know there's stuff in the IMSL library (which I don't have), but I have no idea if that supports tricubic or not.

-Russell

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