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Subject: N3 (authomatic correction of intensity in MRI data)

Posted by [John K](#) on Tue, 18 Nov 2014 20:13:07 GMT

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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.

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