
Subject: Re: Wavelet transform in IDL?

Posted by [Yngvar Larsen](#) on Wed, 14 Jan 2015 09:12:00 GMT

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On Tuesday, 13 January 2015 23:47:46 UTC+1, Madhavan Bomidi wrote:

> Dear All,

>

> Can anyone provide me the information whether we can perform multi-resolution analysis in IDL, especially, obtain the coefficients of the maximal overlap discrete wavelet transform (MODWT) of a time-series data?

>

> Thanks in advance,

> Madhavan

MODWT is in principle just a subsampled CWT.

http://www.exelisvis.com/docs/WV_CWT.html

This function should be equivalent to a MODWT if you set DSCALE=1.0 (Default is 0.25, yielding 4 samples per octave in the scale dimension).

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Yngvar
