Subject: IDL wavelet code ?
Posted by Tom Wassenaar on Mon, 16 Nov 1998 08:00:00 GMT

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Anybody aware of IDL routines on wavelet analysis for image texture segmentation ?

I'd be very gratefull !
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Subject: Re: Idl Wavelet Code
Posted by cjengo on Wed, 13 Oct 1999 07:00:00 GMT

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Try the IDL Wavelet Workbench, available from RSI's ftp site
(ftp.rsinc.com, under /pub/user_contrib/wwb). There's more info about
it at http://www.amara.com/wwbdev/wwbftp.txt. I've found it to be
quite useful and well-written, although I've had to extend it some
myself for some functions to work in 2D.

Chris

In article <38036E65.8578B01E@umich.edu>,
  Erin Sheldon <esheldon@umich.edu> wrote:
> Does anyone know of any IDL based wavelet code out there that is
public
> access? In particular I am looking for 2-dimensional wavelet code
that
> can handle a user-defined basis.
>
>

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_____

Chris Jengo - Senior Imaging Scientist
Earth Satellite Corp. - Rockville, MD
cjengo@earthsat.com

Subject: Re: Idl Wavelet Code
Posted by wmc on Wed, 13 Oct 1999 07:00:00 GMT
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Erin Sheldon <esheldon@umich.edu> wrote:
> Does anyone know of any IDL based wavelet code out there that is public
> access? In particular I am looking for 2-dimensional wavelet code that
> can handle a user-defined basis.

I picked one up from a posting on this newsgroup some time ago.

Here's from the intro to the code:

```
;---------------------------------------------------------- ----------------
; Copyright (C) 1995-1998, Christopher Torrence and Gilbert P. Compo,
; University of Colorado, Program in Atmospheric and Oceanic Sciences.
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;
; Reference: Torrence, C. and G. P. Compo, 1998: A Practical Guide to
;         Wavelet Analysis. <I>Bull. Amer. Meteor. Soc.</I>, 79, 61-78.
;
; Please send a copy of such publications to either C. Torrence or G. Compo:
;  Dr. Christopher Torrence          Dr. Gilbert P. Compo
;  Advanced Study Program             NOAA/CIRES Climate Diagnostics Center
;  National Center for Atmos. Research    Campus Box 449
;  P.O. Box 3000                    University of Colorado
;  Boulder CO 80307--3000, USA.         Boulder CO 80309-0449, USA.
;  E-mail: torrence@ucar.edu          E-mail: gpc@cdc.noaa.gov
;---------------------------------------------------------- ----------------
```

-W.

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William M Connolley | wmc@bas.ac.uk | http://www.nbs.ac.uk/public/icd/wmc/
Climate Modeller, British Antarctic Survey | Disclaimer: I speak for myself

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Subject: Re: Idl Wavelet Code
Posted by Michael Asten on Fri, 15 Oct 1999 07:00:00 GMT
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IDL5.3beta appears to have additional wavelet functions as an add-on,
altho there is no promise that what is in a beta will go commercial. It
would be worth contacting RSI and see if they can help.

Regards,
Michael Asten

Erin Sheldon wrote:

> Does anyone know of any IDL based wavelet code out there that is public
> access? In particular I am looking for 2-dimensional wavelet code that
> can handle a user-defined basis.