Subject: wavelet compressed bitmap image format
Posted by dmarshall on Tue, 04 Apr 2000 07:00:00 GMT
View Forum Message <> Reply to Message

Hello all,

IF
  anyone has an IDL read routine for .WI images (these are what Corel
  uses)
THEN
  could they send, post or supply a URL
ENDIF ELSEIF
  point me in a direction to find out more about this image format and
  the internal structure of these files.
ENDELSE

Thanks,
Dave.

Subject: Re: wavelet compressed bitmap image format
Posted by marc schellens[1] on Thu, 06 Apr 2000 07:00:00 GMT
View Forum Message <> Reply to Message

IF $
  anyone has an IDL read routine for .WI images (these are what Corel $
  uses) $
THEN BEGIN
  could they send, post or supply a URL
ENDIF ELSE BEGIN
  point me in a direction to find out more about this image format and
  the internal structure of these files.
ENDELSE

;-) marc

Subject: Re: wavelet
Posted by Jaco van Gorkom on Tue, 03 Apr 2001 09:06:36 GMT
View Forum Message <> Reply to Message

JMD wrote:
>
> Hi,
>
> I want to use wavelet on IDL without IDL wavelet toolbox.
>

> Where can I find a free IDL wavelet toolbox?
>
> Thanks
>
> JMD

I don't know if such a thing can be found. A good place to
start looking for anything related to wavelets would be
Amara's page: http://www.amara.com/current/wavelet.html .
Jaco

Subject: Re: wavelet
Posted by wmconnolley on Tue, 03 Apr 2001 20:01:26 GMT
View Forum Message <> Reply to Message

JMD <delvit@onecert.fr> wrote:
> Where can I find a free IDL wavelet toolbox?

cheapskate ;-)

I found http://paos.colorado.edu/research/wavelets/ very useful

(much more usable for my purposes that the wavelet toolbox)

-W

--
William M Connolley | wmc@bas.ac.uk | http://www.nerc-bas.ac.uk/icd/wmc/
Climate Modeller, British Antarctic Survey | Disclaimer: I speak for myself
I'm a .signature virus! copy me into your .signature file & help me spread!

Subject: Re: wavelet
Posted by Wayne Landsman on Wed, 04 Apr 2001 03:34:38 GMT
View Forum Message <> Reply to Message

JMD wrote:

> Hi,
>
> I want to use wavelet on IDL without IDL wavelet toolbox.
>
> Where can I find a free IDL wavelet toolbox?
>

Um, I'm not sure whether I should be advertising this, but at least some

of the low-level procedures in $IDL_DIR/lib/wavelet/source do not require a toolkit license. You just won't be able to use any of the GUI features.

WV_CWT - Compute the continuous wavelet transform for one-dimensional arrays.
WV_DENOISE - Use the wavelet transform to filter a 1 or 2-dimensional array.
WV_FN_COIFLET - Return the Coiflet wavelet coefficients.
WV_FN_DAUBECHIES - Return the Daubechies wavelet coefficients.
WV_FN_GAUSSIAN - Return the Gaussian-derivative wavelet.
WV_FN_HAAR - Return the Haar wavelet coefficients.
WV_FN_MORLET - Return the Morlet wavelet.
WV_FN_PAUL - Return the Paul wavelet.
WV_FN_SYMLET - Return the Symlet wavelet coefficients.

Also the "Numerical Recipes" implementation of some Daubechies wavelet coefficients has long been available as the intrinsic function WTN.

--Wayne Landsman landsman@mpb.gsfc.nasa.gov
