Harald Dankworth wrote:

>
> Hi,
>
> I use IDL to compute the wavelet coefficients of a signal and
> present them as a scalogram. The wavelet coefficients are non-uniformly
> distributed over the time-scale plane. My problem is: how do I
> interpolate the intermediate values?
>
> Is anybody familiar with this problem?
>
> Thanks,
>
> Harald Dankworth

--

As long I understand the scalogram representation of
wavelet coefficients, I think you shouldn't interpolate
between intermediate values.
Sloppy spoken:
The scalogram shows the
strength of each wavelet coefficient sorted by the
corresponding resolution scale, i.e. sorted from a coarse
to fine (or vice versa) representation of your data.
So, why do you want to interpolate between some values?

Michael Werger (mwerger@astro.estec.esa.nl)

ESA Astrophysics Division & Praesepe B.V.
  ESTEC, Postbus 299, 2200 AG Noordwijk
          The Netherlands