
Subject: Re: multitaper spectral analysis code?

Posted by [Klaus Scipal](#) on Wed, 28 Nov 2001 10:17:07 GMT

[View Forum Message](#) <> [Reply to Message](#)

btw: the code attached in my posting doesn't save the derived mtm spectrum nor does it display the result. but it shouldn't be a problem to take care for that by you own (modify the routine mtm_spectral_analysis)

regards klaus

Klaus Scipal <kscipal@ipf.tuwien.ac.at> wrote in message
news:9u2co1\$qls\$1@news.tuwien.ac.at...

> Hi Bob

>

> I have once implemented the MTmethod in IDL 5.2. In fact I translated a C
> subroutine made available for public use by J.M Lees (you might want to
take

> a look at <http://www.unc.edu/~leesj/mtm/> for articles on MTM the C code
and

> some documentation).

> I attached these routines so you can try working with them.

>

> They are not optimised for speed and efficiency and I am not one of these
> programmer wizzes so don't expect great code. But they are working and as
far

> as I have tested them they derive the right results. Unfortunately I
didn't

> spend to much time for documenting the code so I recommend that you read
> some material about MTM and check the code once you have adapted it for
your

> purposes (test series are available on <http://www.unc.edu/~leesj/mtm/>).

>

> Klaus

>

>

>

>

>

> Robert Stockwell <rgs1967@hotmail.com> wrote in message

> news:3C03BC4F.7000406@hotmail.com...

>> Greetings all,

>> does anyone have multitaper spectral analysis code

>> in idl (for instance from the percival and walden book)?

>>

>> I looked at that in the distance past, but didn't get into

>> it very far.

```
>>  
>> Cheers,  
>> bob stockwell  
>>  
>  
>  
>
```
