
Subject: Re: multitaper spectral analysis code?

Posted by [Robert Stockwell](#) on Wed, 28 Nov 2001 14:22:02 GMT

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Hello Klaus,

thanks for the response.

I saw what appears to be your second message, but I do not see your first response on the newsgroup. Could you please repost?

Cheers,

bob stockwell

Klaus Scipal wrote:

> 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 too 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
>>>
>>>
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>
