Subject: Re: Empirical orthogonal function in IDL
Posted by mkmvarma on Sat, 22 Dec 2012 00:35:37 GMT
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Thanks, David. I will try to find the book. And one more question. Did you try to remove missing values from the data set?
Thanks,
Mahesh

On Friday, December 21, 2012 2:43:48 PM UTC-8, David Fanning wrote:
> mkmvarma@gmail.com writes:
>
>
>
>> Thanks, David. I looked it up and understand your code except the last part of the code where PC of mode 1. The array 'pc[mode-1,*]' has elements 2592 but the array 'years' has only 21 elements. Could you please explain me how we can plot a timeseries plot using the principal component array.
>
>
>
> Well, that is the Wilks trick I mention in the article. I
>
> probably didn't understand it well enough four years ago
>
> when I wrote the article to explain it any better than
>
> I did. I certainly don't remember the trick now! I would,
>
> however, get over to the library and find that book. It
>
> is a good one!
>
>
>
> To prove to myself it worked, I programmed up the example
>
> the slow way (25 minutes or so) and the fast way (half
>
> a second). I do remember that the results were identical,
>
> so I guess I trusted the result, even if I didn't understand
>
> it completely. :-)
>
>
>
> Cheers,

>
>
>
> David
>
>
>
>
>
>
>
>
> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
