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Subject: Re: finding confidence interval in spectral analysis ( something similar to chi2conf.m in matlab)

Posted by [Craig Markwardt](#) on Tue, 04 Oct 2011 05:38:08 GMT

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On Oct 3, 11:02 am, sajan\_unb <sajanmush...@gmail.com> wrote:

> Hello All,

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> I was trying to get a program which would get me the confidence  
> intervals for a power spectrum in IDL..There is a program in matlab  
> which does that( chi2conf.m which is called by psd.m). These programs  
> in matlab were written in 1996 so I am assuming IDL has similar  
> programs too.

>

> Does any one have an idea about those programs or any other method of  
> getting the confidence intervals in IDL..well other than re writing  
> the matlab codes in IDL :)..

If you are looking for confidence limits on chi-square variables, then  
you are probably looking for the standard IDL function "CHISQR\_CVF"

Craig

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