
Subject: Re: interpolation

Posted by [Yngvar Larsen](#) on Thu, 08 Dec 2011 21:24:14 GMT

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On Dec 7, 6:50 pm, anil <akpinar.a...@gmail.com> wrote:

> On Dec 7, 6:42 pm, Russell <rryan....@gmail.com> wrote:

>

>> I'm not exactly sure what the issue is, but interpol seems to work

>> fine?

>

>> readcol,'data.dat',depth,temp,salinity,pot_temp,density

>> thisdepth=findgen(300)*5 ;the values where you want the temperature

>> -- whose derivative changes sign

>> thistemp=interpol(temp,depth,thisdepth)

>

>> You might add /quad or /lsq for a better fit, or even use a better

>> spline routine...

>

>> Russell

>

> This is not working for sure! When I do this I get negative values and

> numbers as -3000,-4165 etc.. whereas my temperature range is between 4

> and 26.

Maybe missing numbers represented as -9999, or something similar, in some of the files?

--

Yngvar
