On 12/7/11 5:50 PM, anil 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.

Russell's code certainly works perfectly well on the data you provided.

-Jeremy.