Subject: Re: A complicate problem for building a map
Posted by ftls1 on Tue, 21 Oct 2003 22:02:27 GMT
View Forum Message <> Reply to Message

yeah, actually I used the same method as urs, but there was some other
more complicate problems to be sovled. I think it is time to conclude
this discussion here.
  Thank you all so much for ideas and what you all have posted!

ftls1@uaf.edu (ftls1@uaf.edu) wrote in message
news:<44042ede.0310201352.2e27a979@posting.google.com>...
> yes, I used 'where' function and intersected the two sets to find
> temperature and wind.
>
> the problem is whether this retrieval method was converging? is the
> point the nearst one with least RMS?
>
>
> Olaf Stetzer <olaf.stetzer@imk.fzk.de> wrote in message
news:<bn0hn1fnt1@news.rz.uni-karlsruhe.de>...
>> ftls1@uaf.edu schrieb:
>>> I met a problem of map building as below,
>>> I have two 2-D tables of RT(nw,nt), RW(nw,nt), nw and nt are
>>> constants,
>>> both RT and RW range from -1 to +1, the value of nw, even though it is
>>> 'integer',actually means wind speed from
>>> -50 m/s to 50 m/s and the nt means temperature from 0 to 300 K.
>>> Now I want to get a table with x and y axis of RT and RW respectively.
>>> The purpose to build such a table is that if there is an arbitrary
>>> pair
>>> of RW and RT value, I can look it in the table and find the
>>> appropriate
>>> wind and temperature.
>>> I've been thinking on this topic for a couple of weeks without any
>>> idea, in C
>>> language there is a concept of 'Group', but IDL does not.
>>
>> I am not sure if I understood you correctly but maybe you can use
>> the where() function to find your information. You want the "cordinates"
>> where:
>> wind = 50 m/s and T= 250 K ?
>>
>> wind_temp_indices=where(RT eq 250 and RW eq 50) ; or use the "coded"
>>   ; values for 250 K and 50 m/s instead