Subject: Re: DIL interpolation over n dimensions
Posted by Pascal DoctorDisco on Tue, 25 Feb 2014 16:12:11 GMT
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Le mardi 25 février 2014 17:04:49 UTC+1, Pascal DoctorDisco a écrit :
> hello,
>
> I'm looking for an N-D interpolation (on lookup tables) in IDL,
>
> something like Vq = interpn(X1,X2,X3,...,V,X1q,X2q,X3q,...) from M****B
>
>
>
> Do you have any idea, maybe using some recursive call to interpolate, but I'm pretty lost using this kind of feature in IDL,
>
>
>
> Or did someone kept the routine from Peter Albert interpolate_n.pro
>
> The link here belong looks dead
>
>
>
> Best regards
>
> Pascal
>
>
>
> Peter Albert writes:
>
>
>
>> Here is my recursive treasure: interpolate_n, extending IDL's
>
>> INTERPOLATE routine to up to 8 dimensions. I have to admit that is has
>
>> been years since I wrote it and I am not completely sure any more how
>
>> the routine actually works, but it still seems to give the right
>
>> results ... :-) The recursive part is about getting the neighbouring
>
>> values for each dimension, I guess.
>
>>
>

>> http://wew.met.fu-berlin.de/idl/interpolate_n.pro

sorry, I mean IDL interpolation over n dimensions of course

thanks for your help
