Subject: Re: inverse gradient
Posted by pgrigis on Tue, 02 Dec 2008 17:20:34 GMT
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erano wrote:
>> My suggestion is to operate on each line of the array
>> separately and loop over lines and columns.
>>
>> This way you only need to deal with dim_x by dim_y
>> arrays, a much simpler problem...
>>
>> Ciao,
>> Paolo
>>
>>
> This idea is not clear to me. Do you mean to work on "each line of the
> array" from the orignal array (dim_x * dim_y) or from the M * N
> matrix?

I meant:

From dx compute the first row of the array (one dim_x vector).
Use dy to go from the first to the second row.
and so on.

But I do realize that this approach is not the best one if you
have experimental data and the divergence of (dx,dy)
is not zero.

But you haven't really described how you got dX and dY and
what is the potential....

Ciao,
Paolo

>
> Eran
>
> Eran