Subject: Re: inverse gradient
Posted by erano on Tue, 02 Dec 2008 19:42:37 GMT
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On Dec 2, 8:59 pm, Paolo <pgri...@gmail.com> wrote:
> erano wrote:
>
>>> But you haven't really described how you got dX and dY and
>>> what is the potential....
>
>> Well, dX and dY are based on other parameters gradient. I based on
>> MATLAB code. In MATLAB, we can use "\" for doing Ax=Y: x=A\Y, where A
>> is M*N matrix. I can attach the code.
>
> My question was what are dX and dY? What is the potential?
>
> In IDL you can do x=A#invert(Y) that I guess is similar
> to what matlab does (modulo transposition of the arrays).
>
> But if A is large and sparse, then use the sparse methods suggested.
>
> Paolo
>
>
>
>
>
>> Eran- Hide quoted text -
>
> - Show quoted text -

The potential ia not relevant. The dX and dY can be based on any 2D
function. And yes, A is (very) large and sparse, but the sparse
methods are only for N*N matrix...while A is M*N.

Eran