Subject: Re: Optimisation in IDL?
Posted by luxx on Sat, 23 Oct 2004 22:34:12 GMT
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Hi,

http://cow.physics.wisc.edu/~craigm/idl/fitting.html

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luxx.

"Ahammer Helmut" <helaha@gmx.net> schrieb im Newsbeitrag
news:f2c7de6c.0410180613.557e31a9@posting.google.com...
> I have following optimisation problem and want to ask if anybody could
> give me some hints for implementing it in IDL.
> There is a function, depending on given x,y and g values (simply the
> x,y values of 2D image pixels and their grey levels g).
> I have to find the maximum of the following function and the constants
> a and b should be calculated:
> MAX(Sum1 (Sum2 (Dirac(log(g(x,y) - ax -by -g)))),
> where Sum1 is the sum over all possible grey values, Sum2 is the sum
> over all possible x,y values and Dirac is the dirac function. The
> function itself is not the problem, rather the algorithm for finding
> the right constants a and b.
>
> Thanks for any input,
> Helmut Ahammer