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Subject: Re: One ellipse to rule them all

Posted by [David Fanning](#) on Tue, 12 Feb 2008 05:56:19 GMT

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Vince Hradil writes:

> Look here - and references therein:

> [http://www-eleves-isia.cma.fr/documentation/CgalDoc2.4/basic  
\\_lib/Optimisation\\_ref/Class\\_Min\\_ellipse\\_2.html](http://www-eleves-isia.cma.fr/documentation/CgalDoc2.4/basic_lib/Optimisation_ref/Class_Min_ellipse_2.html)

I haven't looked, yet, and I am sure the answer  
is there, but what about finding all those points  
on the convex hull:

[http://www.dfanning.com/tips/convex\\_hull.html](http://www.dfanning.com/tips/convex_hull.html)

And then fitting an ellipse to them, ignoring the  
points inside. It would be an interesting experiment  
to see if this gets you anywhere close to what you  
are looking for. I haven't time for the experiment  
myself, but the code is all there and...

Cheers,

David

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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