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Subject: Re: Area intersection of two trapezoids with given coordinates

Posted by [Bringfried Stecklum](#) on Tue, 20 Nov 2007 11:22:39 GMT

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mrosimmel@gmail.com wrote:

> Hello all,

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> I was wondering if there is a function in IDL that I can find the  
> intersection area of two trapezoids with given corner coordinates.

> Briefly I have two trapezoids where the first one has corners of

> (x1,y1), (x2,y2), (x3,y3), (x4,y4) and the second one has corners of

> (a1,b1), (a2,b2), (a3,b3), (a4,b4)...I know ARCGIS has such functions

> (like union/intersection).. If not could anyone have an idea how can I

> do it in IDL?

> Thanks all,

>

> Mario

Dear Mario,

by accident I came across this page

[http://www.mporzio.astro.it/~licausi/IDL\\_Library/lib\\_index.html](http://www.mporzio.astro.it/~licausi/IDL_Library/lib_index.html)

which seems to offer what you are looking for (OVERLAP.PRO).

regards,

Bringfried Stecklum

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