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

Posted by [mrosimmel](#) on Tue, 27 Nov 2007 17:21:43 GMT

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On Nov 20, 6:22 am, Bringfried Stecklum <steck...@tls-tautenburg.de>
wrote:

> mrosim...@gmail.com wrote:

>> Hello all,

>

>> 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

>

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

>

> regards,

>

> Bringfried Stecklum

Hi Bringfried,

Thank you very much for the web site.

I have been trying to write that script myself for almost two weeks.

The overlap.pro does exactly what I wanted with much better precision
than my own script.

Once again thanks everybody for your help.

Regards,

Mario
