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

Posted by [Vince Hradil](#) on Mon, 19 Nov 2007 03:22:44 GMT

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Can't this be solved analytically using trigonometry? If you want to do it numerically you could just make two masks using WHERE() then do AND to get the intersection.

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
