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Subject: Re: IDL function to get area cover of polygon

Posted by [JDS](#) on Thu, 04 Nov 2010 00:06:25 GMT

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On Nov 2, 7:44 pm, Seb <g5s...@web.de> wrote:

> Hi,

>

> I have the longitude/latitude coordinates of a polygon, and I am  
> looking for a function which calculates the area covered by the  
> polygon (e.g. in km<sup>2</sup>). I am sure there is a function like this but  
> was unable to find it.

>

> Any advice is much appreciated.

I have a function which computes the solid angle of a spherical  
polygon in steradians, given ra/dec input:

[http://tir.astro.utoledo.edu/idl/spherical\\_poly\\_area.pro](http://tir.astro.utoledo.edu/idl/spherical_poly_area.pro)

JD

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