

Re: polygonal area on a sphere

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Wouldn't that only apply to a plane? For small areas, it likely wouldn't matter much, but ...

Arthur Hass

Sam Wormley wrote:

moltimits@xxxxxxxx wrote:

Hi,
please, someone can tell me how can I to calculate the area of a polygon on the earth's surface where I know the coordinates (lat/lon) of its points?

Since you know the coordinates of every vertex, break it into triangles. The area of every triangle is that triangle's base times its height divided by two. Sum the areas.