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Subject: Re: how to calculate latitude and longitude from range and direction(azimuth and elevation)

Posted by [ben.bighair](#) on Tue, 09 Nov 2010 13:42:32 GMT

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On 11/8/10 8:24 PM, bjkuk wrote:

- > Hello. All,
- > I am looking for s/w or sub-routing to calculated latitude and
- > longitude from slant range, elevation and azimuth angle with earth
- > curvature.
- > Would you let me know the tips or where this sub-routine can be found?
- > Thanks!!

Hi,

A long time ago I adapted code shared by Liam Gumley and Paul Ricchiazzi for a similar purpose. This was done in the days before the MAP\_PROJ\_\* routines were released in IDL, so you might do well to investigate those first. But if you are in a hurry you could start with these ...

<http://dl.dropbox.com/u/8433654/geo.zip>

Cheers,  
Ben

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