Subject: Re: Tick mark annotations after rotation using az?
Posted by davidf on Mon, 27 Jul 1998 07:00:00 GMT
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Holger Schaal (hschaal@gwdg.de) writes:

> The output of the following procedure is a plot of the electric field
> potential at the interface ATR-crystal/sample for different angles of
> incidence and different refractive index ratios (IR-Spectroscopy):
> The rotation az = 225 gives the best point of view to see how the surface
> looks like, I think. But now the tick mark annotations are unreadable - look
> like mirrored or headfirst.
>
> Now I hope, anyone reading this has an idea to solve my problems.

I can't think of any way to solve this text rotation
problem without adding the textual annotation yourself,
(e.g., with XYOutS) which almost certainly will be a
frustrating and difficult exercise.

Let me recommend an alternative. If you make it
easy for the user to rotate the surface interactively,
then the annotations will not be as much of a problem
as they are in a fixed view. A program like XSURFACE,
which you can download from my web page, would make this
possible.

This does not, of course, solve the problem of *printing*
the results, but it is difficult for me to see how
the antagonistic goals of rotatable 3D text and always-readable
text can both be obtained.

Cheers,

David
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