
Subject: Angstrom sign

Posted by [nick](#) on Thu, 19 May 1994 14:38:23 GMT

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Does anyone know how to make a decent looking angstrom sign using the text formatting commands? I have a version which is passible, but I'd like to create one with somewhat more resemblance to the sign generated by the \AA command in Tex.

Any ideas?

Thanks in advance.

Nick

--

Nick Maliszewskyj | Graduate school - it's not just a job, it's an indenture.

U. Penn Physics |----- -

| A real hoopy frood who knows where his towel is ...

Subject: Re: Angstrom sign

Posted by [deutsch](#) on Tue, 24 May 1994 22:24:49 GMT

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In article 6l9@netnews.upenn.edu, nick@sol1.lrsm.upenn.edu (Nick Maliszewskyj) writes:

> Does anyone know how to make a decent looking angstrom sign using the text
> formatting commands? I have a version which is passible, but I'd like to
> create one with somewhat more resemblance to the sign generated by the
> \AA command in Tex.
>
> Any ideas?

I don't think there has been much success with the Hershey fonts. It is possible to come up with something for a single smallish font, but one solution will break down when you switch fonts or sizes.

If you are not terribly interested in fancy screen characters, but rather you need nice-looking Postscript printer output, I posted an example of how to generate excellent quality Postscript output using hardware fonts a few months ago. The example includes an Angstrom symbol. The psspecxmpl.pro procedure and some other routines it calls are still located in the orca.astro.washington.edu anonymous ftp site in the /pub/idl/postscript directory.

This is not quite what you asked for, but I hope it helps.

Eric

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Subject: Re: Angstrom sign
Posted by [bhill](#) on Wed, 25 May 1994 16:43:48 GMT
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On page 9-7 of the IDL User's Guide (V 3.1) you see that the angstrom sign is octal 305. So, for example:

```
xyouts, 100, 100, 'Wavelength = 1500'+string("305B)
```

This works with the Hershey fonts; I'm not sure about PostScript. Many other letters with diacritical marks from non-English European alphabets are also available in the same way.

Bob Hill

--

Robert.S.Hill@gsfc.nasa.gov Not speaking for any of these:
Hughes STX Corp., Code 681, NASA/GSFC, Greenbelt, MD 20771
"There's nothing you can't prove if your outlook is
only sufficiently limited." -- Lord Peter Wimsey
