
Subject: Re: Interpolate between two curves

Posted by [Gray](#) on Sat, 26 Mar 2011 13:49:04 GMT

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On Mar 25, 9:55 pm, Gray <grayliketheco...@gmail.com> wrote:

> On Mar 25, 9:27 pm, Jeremy Bailin <astroco...@gmail.com> wrote:

>

>> Why would you need to loop with interpol?

>

>> -Jeremy.

>

> Because it can only handle 1-d data. I think I figured out my answer,
> though.

To elaborate: since the z-values are linear in y, then the z value
for any x,y pair should be:

$$z = 5 * [y - y_0(x)] / y_5(x)$$

So I just calculate my y_0 and y_5 values for all my x's, and then my
z's fall out.
