
Subject: Re: Plot according to slopes?

Posted by [rigby](#) on Mon, 05 May 2008 14:57:15 GMT

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On May 5, 9:43 am, Frank Wang <Muchi0...@gmail.com> wrote:

> "How to make line plot when you know the slopes(of the lines you are
> going to plot) defined at each grid point"?

How about integrating your slopes numerically, then plotting the integral? It sounds like you've got df/dx on a regular grid. If so, then $f(x)$ is approximately $dx * \text{total}(df/dx, /cumulative) + \text{constant}$, where dx is the grid spacing. One value of $f(x)$ gives you the constant, if you care about it. There are better integration methods, if you need to get fancier.

--Wayne
